

The following material did not appear in the original publication.

S.Menchetti and C.Sabelli - Refinement of the crystal structure of baratovite.

Table 4. Observed and calculated structure factors.

An asterisk marks the reflections 006 and 008 affected by extinction and the "unobserved reflections.

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
0	0	2	9.5	15.2	4	0	24	38.8	-36.4	10	0	-8	17.0	-20.6
0	0	4	74.3	69.4	4	0	-24*	5.7	-17.2	10	0	10	38.6	-34.7
0	0	6*	646.3	668.4	4	0	-26	134.9	-134.6	10	0	-10	21.3	27.7
0	0	8*	361.6	398.1	4	0	-28	132.9	-131.4	10	0	12	130.9	-132.4
0	0	10	417.7	-423.9	6	0	0	136.8	148.5	10	0	-12	39.8	34.2
0	0	12	217.4	215.4	6	0	2	214.2	-224.2	10	0	14	22.0	-17.9
0	0	14	441.5	441.0	6	0	-2	169.1	-177.1	10	0	-14	31.5	35.1
0	0	16	417.7	428.8	6	0	4	179.2	186.0	10	0	16	150.4	-154.6
0	0	18	234.8	-240.2	6	0	-4	178.1	185.2	10	0	-16	34.2	28.3
0	0	20	409.1	415.5	6	0	6	298.8	-304.5	10	0	18*	1.2	-4.5
0	0	22	138.0	129.9	6	0	-6	105.7	-117.8	10	0	-18	38.3	44.1
0	0	24	70.2	-60.5	6	0	8	98.1	104.8	10	0	-20	38.2	33.8
0	0	26	103.7	-105.0	6	0	-8	150.1	159.3	10	0	-22	111.3	111.6
2	0	0	58.1	-63.6	6	0	10	161.3	-168.5	10	0	-24	18.8	13.3
2	0	2	80.6	80.4	6	0	-10	154.4	-160.2	10	0	-26	58.4	57.9
2	0	-2	68.8	76.9	6	0	12	36.2	42.8	10	0	-28	44.8	43.2
2	0	4	129.6	-131.9	6	0	-12	309.6	313.7	12	0	0	214.0	221.0
2	0	-4	94.7	-95.1	6	0	14	61.5	-63.5	12	0	2	42.8	35.3
2	0	6	11.1	-2.8	6	0	-14	167.3	-172.7	12	0	-2	289.8	-295.6
2	0	-6	170.6	171.0	6	0	16	71.9	75.4	12	0	4	38.9	-38.7
2	0	8	95.6	86.5	6	0	-16	147.4	151.8	12	0	-4	198.8	202.0
2	0	-8	38.1	32.4	6	0	18	80.2	-85.3	12	0	6	46.8	42.8
2	0	10	86.7	-82.5	6	0	-18	17.2	-23.7	12	0	-6	121.7	-122.2
2	0	-10	28.1	-18.2	6	0	20	113.3	116.4	12	0	8	341.5	345.9
2	0	12	18.9	-17.9	6	0	-20	72.7	75.5	12	0	-8	249.8	255.8
2	0	-12	137.4	130.5	6	0	22	95.6	-100.2	12	0	10	86.0	-93.0
2	0	14	40.4	42.1	6	0	-22	82.6	-86.1	12	0	-10	313.9	-323.2
2	0	-14	140.2	140.7	6	0	24	86.2	91.7	12	0	12	212.0	215.7
2	0	16	105.6	-107.0	6	0	-26	82.2	-84.7	12	0	-12	97.5	105.1
2	0	-16*	13.6	13.1	6	0	28	68.2	71.8	12	0	14	29.8	26.1
2	0	18*	11.8	-3.0	8	0	0	77.2	74.6	12	0	-14	14.7	-13.6
2	0	-18	238.9	242.1	8	0	2	79.7	77.9	12	0	16	163.2	168.0
2	0	20	25.8	-27.9	8	0	-2	30.0	37.1	12	0	-16	96.6	-94.3
2	0	-20	73.1	68.8	8	0	4	34.5	-34.3	12	0	18	117.9	-121.7
2	0	22*	6.5	-.8	8	0	-4	28.9	-40.8	12	0	-18	196.6	201.3
2	0	-22	176.1	181.3	8	0	6	29.9	33.9	12	0	-22	143.7	-149.3
2	0	24*	1.2	1.7	8	0	-6	27.8	-21.4	12	0	-24	133.4	137.6
2	0	-24	87.3	82.0	8	0	8	122.3	119.3	12	0	-26	92.7	-97.4
2	0	26	31.1	29.8	8	0	-8	23.7	19.8	12	0	-28	92.2	97.9
2	0	-26	134.8	138.9	8	0	10	64.3	-63.8	14	0	0	225.4	222.5
4	0	0	74.0	-82.2	8	0	-10	32.9	34.9	14	0	2	265.5	267.2
4	0	2	226.5	-221.0	8	0	12	57.9	-59.2	14	0	-2	83.8	81.1
4	0	-2	285.5	302.4	8	0	-12	95.9	-100.1	14	0	4	233.2	228.1
4	0	4	169.6	163.4	8	0	14	126.1	127.6	14	0	-4	67.0	57.9
4	0	-4	78.3	-85.3	8	0	-14*	7.1	8.1	14	0	6	222.8	225.0
4	0	6	172.3	175.2	8	0	16	26.5	20.9	14	0	-6	296.0	302.2
4	0	-6	324.3	-323.5	8	0	-16	51.8	51.8	14	0	8	178.2	171.5
4	0	8	149.7	-153.9	8	0	18	61.9	-59.1	14	0	-8	126.4	116.7
4	0	-8	48.1	43.2	8	0	-18	73.4	-69.0	14	0	10	123.1	122.3
4	0	10	102.4	106.3	8	0	20	55.9	52.3	14	0	-10	297.2	298.6
4	0	-10	26.5	28.6	8	0	-20	167.5	-168.0	14	0	12*	12.8	6.7
4	0	12	195.9	190.4	8	0	22	79.4	81.4	14	0	-12	393.0	393.1
4	0	-12	269.5	-269.4	8	0	-24	48.1	-49.9	14	0	14	63.3	65.2
4	0	14	55.7	59.1	8	0	26	70.2	-63.8	14	0	-14	303.6	304.7
4	0	-14	105.5	-101.9	8	0	-28*	1.2	-6.0	14	0	16	148.8	145.8
4	0	16	60.5	-63.4	10	0	0	15.7	-20.6	14	0	-16	162.3	163.7
4	0	-16	98.5	94.6	10	0	2*	2.9	-4.6	14	0	-18	82.2	77.3
4	0	18	127.3	128.8	10	0	-2	43.9	44.5	14	0	-22	74.4	78.2
4	0	-18	55.3	-54.5	10	0	4	57.1	-58.8	14	0	-24*	15.2	-13.6
4	0	20*	7.3	3.1	10	0	-4	84.3	-86.7	14	0	-26	185.6	187.2
4	0	-20	158.8	-158.3	10	0	6*	5.6	1.3	14	0	-28	70.2	67.0
4	0	22	20.8	-3.3	10	0	-6	126.6	129.4	16	0	0	72.5	67.0
4	0	-22	31.8	-33.4	10	0	8	91.9	-94.2	16	0	2	215.1	-208.0

H	K	L	FO	FC
16	0	-2	166.5	166.5
16	0	4	130.7	-132.1
16	0	-4	243.1	-245.5
16	0	6	218.6	218.9
16	0	-6	78.7	-75.9
16	0	8	55.8	-54.2
16	0	-8	275.1	271.1
16	0	10	165.1	-156.7
16	0	-10	56.5	61.3
16	0	12	49.6	42.7
16	0	-12	200.3	-203.4
16	0	14	118.2	121.4
16	0	-14	221.5	216.9
16	0	16	63.7	-59.5
16	0	-16	120.6	-120.1
16	0	22	234.3	234.8
16	0	-24	162.5	163.1
16	0	-26	83.4	-81.7
18	0	0	175.2	177.1
18	0	2	57.4	-61.0
18	0	-2	89.2	-94.7
18	0	4	61.6	65.4
18	0	-4	89.9	91.4
18	0	6	18.7	-10.1
18	0	-6	107.0	-109.7
18	0	8	77.5	79.8
18	0	-8	100.9	103.3
18	0	10	87.3	-89.6
18	0	-12*	3.6	4.3
18	0	14	78.2	-80.1
18	0	-16	109.4	110.6
18	0	18	221.4	-225.2
18	0	-20	16.8	15.0
18	0	22	102.9	-104.6
18	0	-24	22.8	-16.2
18	0	-26	161.0	-159.7
20	0	0	86.7	-86.6
20	0	2*	6.7	1.7
20	0	-2*	1.2	3.6
20	0	4	49.3	45.9
20	0	-4	54.2	50.2
20	0	6	73.7	-69.0
20	0	-8	102.6	-103.6
20	0	10	120.7	121.5
20	0	-12	15.6	-13.6
20	0	14	95.1	-91.8
20	0	-16	37.3	36.7
20	0	18	97.0	97.5
20	0	-20	62.9	-66.8
20	0	-22*	8.3	-4.9
20	0	-24	55.1	53.2
22	0	0	48.5	-47.8
22	0	-2	28.9	31.6
22	0	4	20.9	15.9
22	0	-6*	3.4	16.3
22	0	-8	38.0	-36.9
22	0	10	83.7	87.0
22	0	-12	29.2	-30.4
22	0	-14*	1.2	1.1
22	0	-16*	1.2	-11.6
22	0	-18*	5.6	2.7
22	0	-20	56.6	-57.5
1	1	0	47.4	-55.1

H	K	L	FO	FC
1	1	1	36.0	37.4
1	1	-1	23.4	-25.0
1	1	2	96.1	95.3
1	1	-2	79.9	81.8
1	1	3	43.5	-42.2
1	1	-3	42.9	42.3
1	1	4	133.2	-134.2
1	1	-4	72.3	-72.8
1	1	5	58.2	59.0
1	1	-5	50.9	-50.4
1	1	6*	6.9	4.2
1	1	-6	116.2	116.7
1	1	7	27.8	22.8
1	1	-7	14.3	12.9
1	1	8	69.7	57.9
1	1	-8	72.1	64.6
1	1	9	22.8	-17.1
1	1	-9	53.1	46.2
1	1	10	102.6	-97.0
1	1	-10	63.5	-57.1
1	1	11	23.1	21.2
1	1	-11	48.7	-45.1
1	1	12	85.9	-86.5
1	1	-12	50.7	46.7
1	1	13	50.0	49.3
1	1	-13*	9.0	-9.1
1	1	14	15.0	19.7
1	1	-14	68.9	69.6
1	1	15	30.6	-30.7
1	1	-15	25.1	21.9
1	1	16	204.4	-208.5
1	1	-16	27.8	-23.6
1	1	17	62.8	62.9
1	1	-17	68.1	-67.5
1	1	18*	1.2	3.1
1	1	-18	61.6	62.4
1	1	19	24.5	15.1
1	1	-19*	1.2	-2.6
1	1	20	105.2	-108.8
1	1	-20	31.1	29.5
1	1	21	46.4	49.9
1	1	-21	22.8	-14.8
1	1	22	26.3	-22.9
1	1	-22	56.5	54.5
1	1	23*	13.2	13.0
1	1	-23	17.9	-16.0
1	1	24	41.9	-43.0
1	1	-24*	10.3	13.7
1	1	25	47.0	50.0
1	1	-25*	9.8	-8.3
1	1	26	24.9	25.4
1	1	-26*	9.2	15.3
1	1	-27*	1.2	3.4
3	1	0	109.8	112.0
3	1	1	108.8	-112.6
3	1	-1	17.9	-14.7
3	1	2	376.1	-390.0
3	1	-2	13.6	-13.0
3	1	3	207.0	208.9
3	1	-3	44.5	-44.0
3	1	4	386.6	397.7
3	1	-4	255.6	263.9
3	1	5	119.5	-122.1

H	K	L	FO	FC
3	1	-5	202.2	205.2
3	1	6*	8.5	-16.1
3	1	-6	468.2	-482.2
3	1	7*	3.6	-3.4
3	1	-7	158.1	-160.9
3	1	8	21.9	28.6
3	1	-8	158.1	164.7
3	1	9*	8.5	-5.9
3	1	-9	70.8	72.3
3	1	10*	11.0	3.3
3	1	-10	34.6	-42.2
3	1	11	21.6	18.7
3	1	-11	24.4	17.9
3	1	12	333.9	338.7
3	1	-12	57.2	-49.0
3	1	13	154.4	-155.6
3	1	-13	17.1	21.8
3	1	14	80.0	-83.6
3	1	-14	239.8	-244.2
3	1	15	18.4	17.2
3	1	-15	129.4	-130.1
3	1	16	107.1	113.3
3	1	-16	205.9	207.5
3	1	17	80.1	-81.8
3	1	-17	58.1	60.4
3	1	18*	1.2	10.3
3	1	-18	64.9	-72.4
3	1	19	16.6	-19.8
3	1	-19	31.1	-29.8
3	1	20	157.8	164.2
3	1	-20*	4.3	15.5
3	1	21	82.9	-84.4
3	1	-21	16.4	17.5
3	1	22	69.4	-69.7
3	1	-22	64.0	-69.2
3	1	23*	10.0	-15.9
3	1	-23	43.9	-43.8
3	1	24	67.6	76.0
3	1	-24	136.8	139.0
3	1	25	55.9	-60.8
3	1	-25	57.0	59.8
3	1	26	88.1	-91.6
3	1	-27	20.5	-18.8
3	1	-28*	1.2	4.0
5	1	0	122.4	-119.3
5	1	1	199.3	-202.9
5	1	-1	133.0	126.8
5	1	2	180.0	187.3
5	1	-2	60.1	66.8
5	1	3	169.0	-178.3
5	1	-3	120.0	-116.0
5	1	4	92.8	90.8
5	1	-4	347.4	345.9
5	1	5	177.3	-168.8
5	1	-5	504.8	-514.7
5	1	6	99.5	95.6
5	1	-6	326.0	326.5
5	1	7	172.6	-169.4
5	1	-7	183.6	-175.6
5	1	8	130.8	125.4
5	1	-8	249.1	232.9
5	1	9	292.9	-293.5
5	1	-9	238.7	-227.9

H	K	L	FO	FC
5	1	10	255.9	260.7
5	1-10		320.7	316.8
5	1	11	297.7	-301.9
5	1-11		200.4	-197.2
5	1	12	112.1	110.2
5	1-12		230.5	225.4
5	1	13	57.5	61.5
5	1-13		180.7	-183.2
5	1	14	62.0	-62.2
5	1-14		175.1	177.3
5	1	15	73.0	-74.8
5	1-15		73.1	76.3
5	1	16	38.9	33.0
5	1-16		69.6	-77.6
5	1	17	177.7	-177.8
5	1-17		112.7	112.5
5	1	18	86.7	88.5
5	1-18		165.3	168.9
5	1	19	21.9	13.7
5	1-19		133.9	-134.2
5	1	20	120.4	-117.3
5	1-20		101.2	101.4
5	1	21*	13.1	-10.0
5	1-21		66.8	-67.7
5	1	22	18.3	-18.0
5	1-22		29.9	35.2
5	1	23	147.6	-146.7
5	1-23		90.0	91.8
5	1	24	17.5	76.7
5	1-24		38.8	32.5
5	1-25		143.4	-144.2
5	1-26		164.9	166.7
5	1-27		74.3	-73.2
5	1-28*		10.0	-14.5
7	1	0*	1.2	-12.3
7	1	1	266.6	260.5
7	1	-1	12.0	24.3
7	1	2	68.0	67.4
7	1	-2	35.3	-22.7
7	1	3	213.6	-216.1
7	1	-3	79.9	-77.5
7	1	4	29.5	-30.2
7	1	-4	145.1	135.8
7	1	5	90.5	94.5
7	1	-5*	8.6	-20.4
7	1	6	83.9	87.0
7	1	-6	10.9	7.4
7	1	7	224.6	222.9
7	1	-7	134.1	-122.1
7	1	8	119.2	-124.4
7	1	-8	166.0	-163.1
7	1	9	56.2	-52.4
7	1	-9	81.3	79.7
7	1	10	64.7	67.2
7	1-10		207.8	208.9
7	1	11	38.5	-38.4
7	1-11		108.3	-109.3
7	1	12	55.6	49.3
7	1-12		42.7	34.1
7	1	13	193.5	193.9
7	1-13		172.8	-171.0
7	1	14	61.4	64.0
7	1-14		50.3	-46.1

H	K	L	FO	FC
7	1	15	108.5	106.1
7	1-15		139.5	141.1
7	1	16	16.6	9.3
7	1-16		61.8	57.8
7	1	17	38.1	-32.5
7	1-17		52.3	-53.9
7	1	18	134.0	136.7
7	1-18		119.1	119.7
7	1	19	28.7	22.6
7	1-19		157.0	-154.2
7	1	20	56.3	50.6
7	1-20*		1.2	-9.9
7	1	21	202.8	201.9
7	1-21		55.2	-56.9
7	1	22	82.5	85.2
7	1-22		23.7	-16.6
7	1	23	25.1	26.4
7	1-24		80.8	82.9
7	1-25		108.5	-106.5
7	1-26		105.4	106.1
7	1-27		146.6	-144.6
7	1-28		25.1	-23.6
7	1-29		41.7	39.5
9	1	0	335.0	341.9
9	1	1	55.7	-57.1
9	1	-1	127.0	130.7
9	1	2	86.1	77.3
9	1	-2	36.0	-39.0
9	1	3	262.5	264.3
9	1	-3	353.1	352.1
9	1	4	133.7	137.6
9	1	-4	465.1	473.2
9	1	5	49.6	-53.0
9	1	-5	449.0	456.0
9	1	6	69.2	-74.8
9	1	-6	179.0	173.0
9	1	7	47.6	-48.8
9	1	-7	41.6	-42.5
9	1	8	273.8	275.9
9	1	-8	269.7	275.5
9	1	9	89.8	87.5
9	1	-9	215.5	218.6
9	1	10	47.3	46.7
9	1-10		104.1	-108.6
9	1	11	217.8	217.8
9	1-11		227.2	223.3
9	1	12	136.9	139.6
9	1-12		195.2	201.9
9	1	13*	6.7	-1.5
9	1	-13	28.5	28.1
9	1	14	27.8	18.4
9	1-14		66.5	-72.6
9	1	15	69.8	69.1
9	1-15		50.0	-54.4
9	1	16	182.4	185.4
9	1-16		43.6	46.9
9	1	17	53.9	48.8
9	1-17		316.3	317.2
9	1	18	49.1	-49.1
9	1-18		64.2	-63.1
9	1	19	58.0	56.2
9	1-19		134.4	129.9
9	1	20	51.8	57.9

H	K	L	FO	FC
9	1	-20	198.5	203.0
9	1	-21	97.7	98.9
9	1	-22	34.2	-38.4
9	1	-23	85.1	79.2
9	1	-24	95.4	99.0
9	1	-25	163.2	165.2
9	1	-26	44.5	-48.1
9	1	-27*	1.2	-10.6
9	1	-28	81.5	82.0
9	1	-29*	1.2	5.8
11	1	0	119.6	-122.3
11	1	1	129.6	-128.6
11	1	-1	68.8	-72.2
11	1	2*	11.7	14.1
11	1	-2	14.0	8.4
11	1	3	139.1	139.6
11	1	-3	225.2	229.2
11	1	4	66.6	62.2
11	1	-4	50.2	45.9
11	1	5	77.5	76.4
11	1	-5	35.9	-35.0
11	1	6	57.4	-52.9
11	1	-6	22.4	28.8
11	1	7	156.2	-156.3
11	1	-7	136.0	-135.1
11	1	8	91.8	-91.5
11	1	-8	170.2	-174.4
11	1	9	33.2	-31.1
11	1	-9	29.4	30.5
11	1	10	64.0	64.4
11	1	-10	103.6	106.4
11	1	11	102.5	102.0
11	1	-11	145.3	143.0
11	1	12*	3.6	-6.0
11	1	-12	98.1	92.3
11	1	13*	1.2	-3.0
11	1	-13	72.7	-73.7
11	1	14	75.5	-70.1
11	1	-14	78.7	-75.6
11	1	15	114.6	-112.9
11	1	-15	83.7	-82.2
11	1	16	44.2	-43.7
11	1	-16*	1.2	-3.7
11	1	17	83.5	79.8
11	1	-17	131.6	131.3
11	1	18	47.2	46.5
11	1	-18	201.8	201.8
11	1	-19	116.9	117.9
11	1	-20*	15.1	14.7
11	1	-21	116.9	-114.9
11	1	-22	30.1	31.6
11	1	-23	66.5	65.4
11	1	-24	43.7	41.5
11	1	-25	128.0	122.1
11	1	-26	176.4	178.0
11	1	-27	29.2	28.3
11	1	-28	43.2	-41.6
11	1	-29	38.3	-39.1
13	1	0	40.5	34.6
13	1	1*	4.3	-6.1
13	1	-1	14.9	13.3
13	1	2	72.9	71.5
13	1	-2	61.2	-56.8

H	K	L	FO	FC
13	1	3	22.4	-24.1
13	1	-3	21.9	23.5
13	1	4	35.7	-35.0
13	1	-4	41.7	-45.5
13	1	5	30.9	36.7
13	1	-5	73.3	-77.7
13	1	6	27.2	28.7
13	1	-6	164.5	171.7
13	1	7	15.9	6.0
13	1	-7	20.7	21.1
13	1	8	34.3	34.2
13	1	-8	114.9	-122.9
13	1	9*	12.8	10.5
13	1	-9*	9.4	14.1
13	1	10	146.2	146.6
13	1	-10	50.5	-43.9
13	1	11	36.2	-35.7
13	1	-11	45.7	-42.2
13	1	12	86.3	-84.5
13	1	-12*	9.4	-4.1
13	1	13	34.3	34.3
13	1	-13	43.6	-46.9
13	1	14	70.2	74.5
13	1	-14	19.3	-20.9
13	1	15	16.9	-15.8
13	1	-15*	9.7	17.4
13	1	16	32.0	30.4
13	1	-16	93.0	-91.7
13	1	17	27.8	-24.4
13	1	-17	48.3	-47.1
13	1	18	49.6	-48.9
13	1	-18	2.6	12.0
13	1	19	27.3	-22.6
13	1	-19	6.4	10.3
13	1	20*	12.6	18.0
13	1	-20*	107.8	-107.9
13	1	21	51.4	-51.4
13	1	-21	10.3	-5.9
13	1	22*	27.0	-22.3
13	1	-22*	39.2	-34.1
13	1	23*	19.3	20.5
13	1	-23*	64.4	-66.7
13	1	24	63.1	64.9
13	1	-24	104.4	-107.5
13	1	25	110.6	-113.3
13	1	-25	41.3	44.0
13	1	26*	29.2	-32.3
13	1	-26*	30.9	34.1
13	1	27	116.3	119.3
13	1	-27	13.8	-2.0
13	1	28	4.1	5.7
13	1	-28	142.0	-143.0
13	1	29	122.6	-126.2
13	1	-29	20.6	24.5
13	1	30	50.7	-53.5
13	1	-30	41.5	47.6
13	1	31	123.8	126.9
13	1	-31	1.2	-5.9
13	1	32	73.7	78.1
13	1	-32	101.5	-106.2
13	1	33	74.1	-78.1
13	1	-33	72.9	74.4
13	1	34	99.9	-104.5

H	K	L	FO	FC
15	1	12	52.4	48.6
15	1	-12	138.9	141.3
15	1	13	32.3	-31.9
15	1	-13*	1.7	4.1
15	1	14	56.7	-61.3
15	1	-14*	1.2	5.9
15	1	15	104.3	107.3
15	1	-15*	1.2	.9
15	1	16	34.3	-37.7
15	1	-16	78.5	-83.1
15	1	17	104.8	109.9
15	1	-17*	85.5	85.7
15	1	18	63.1	-64.8
15	1	-18	51.0	-51.2
15	1	19	83.8	88.8
15	1	-19	22.6	-14.5
15	1	20	43.3	-45.8
15	1	-20	11.3	-14.8
15	1	21	86.6	88.8
15	1	-21	42.3	37.1
15	1	22	34.8	-29.8
15	1	-22	1.2	-6
15	1	23	47.7	50.7
15	1	-23	80.7	80.0
15	1	24	39.6	-40.5
15	1	-24	1.2	.9
15	1	25	39.9	39.3
15	1	-25	28.3	-29.0
15	1	26	13.4	6.1
15	1	-26	20.9	19.9
15	1	27	34.9	37.5
15	1	-27	30.7	34.5
15	1	28	52.5	-52.9
15	1	-28	9.9	9.2
15	1	29	23.9	22.9
15	1	-29	2.6	-16.4
15	1	30	11.5	-6.9
15	1	-30	10.9	3.1
15	1	31	53.0	53.1
15	1	-31	8.1	6.8
15	1	32	24.9	25.4
15	1	-32	44.2	-45.9
15	1	33	47.8	-48.2
15	1	-33	1.2	15.9
15	1	34	38.6	36.6
15	1	-34	13.4	.1
15	1	35	19.4	-15.7
15	1	-35	18.3	-4.4
15	1	36	1.2	12.9
15	1	-36	82.4	-84.9
15	1	37	30.1	24.4
15	1	-37	46.2	48.6
15	1	38	6.7	-6.4
15	1	-38	66.3	-70.6
15	1	39	18.2	-13.5
15	1	-39	28.5	-22.2
15	1	40	41.9	-43.5
15	1	-40	32.9	-31.1
15	1	41	206.2	-203.5
15	1	-41	101.3	102.0
15	1	42	176.2	175.9
15	1	-42	31.5	-30.8
15	1	43	76.7	-74.8

H	K	L	FO	FC
19	1	4	46.0	44.2
19	1	-4	151.6	148.8
19	1	5	123.2	-119.1
19	1	-5	112.5	-112.7
19	1	6*	1.2	10.4
19	1	-6	84.2	85.7
19	1	7	50.1	-51.5
19	1	-7	86.1	-84.4
19	1	8	41.3	35.6
19	1	-8	95.7	-99.0
19	1	9	126.6	130.4
19	1	-9	31.7	-30.5
19	1	10	86.3	82.0
19	1	-10	11.6	-8
19	1	11	34.2	33.0
19	1	-11	88.2	-87.5
19	1	12	30.9	26.9
19	1	-12	85.4	-85.7
19	1	13	219.0	220.3
19	1	-13	29.3	-31.0
19	1	14	70.9	67.7
19	1	-14	105.7	-105.4
19	1	15	43.4	49.0
19	1	-15	31.9	-31.4
19	1	16	124.7	122.0
19	1	-16	47.2	-46.0
19	1	17	95.2	100.4
19	1	-17	48.5	-49.9
19	1	18	52.4	54.1
19	1	-18	38.3	31.2
19	1	19	133.2	-134.5
19	1	-19	32.2	28.5
19	1	20	70.4	75.0
19	1	-20	27.6	26.5
19	1	21	19.9	-15.8
19	1	-21	84.1	-85.3
19	1	22	24.1	24.4
19	1	-22	115.8	117.3
19	1	23	124.0	-124.4
19	1	-23	16.4	11.7
19	1	24	139.1	142.9
19	1	-24	59.6	-53.7
19	1	25	41.1	-46.2
19	1	-25	46.0	-48.3
19	1	26	27.9	27.7
19	1	-26	51.0	51.4
19	1	27	42.8	-44.0
19	1	-27	115.8	-112.3
19	1	28	119.7	122.3
19	1	-28	58.3	-53.5
19	1	29	51.5	-56.1
19	1	-29	108.2	109.9
19	1	30	44.3	-40.1
19	1	-30	70.3	75.1
19	1	31	29.2	32.4
19	1	-31	14.9	-14.9
19	1	32	120.8	121.3
19	1	-32	91.6	94.2
19	1	33	84.2	83.9
19	1	-33	76.6	74.6
19	1	34	23.2	-19.8
19	1	-34	65.2	69.3
19	1	35	157.3	156.4

H	K	L	FO	FC
23	1-16		24.9	24.3
23	1-17		186.4	185.3
0	2 0		26.3	-22.4
0	2 1		43.2	-43.7
0	2 2		108.4	-112.1
0	2 3		269.2	275.3
0	2 4		303.1	305.5
0	2 5		394.2	-401.8
0	2 6		194.7	-199.1
0	2 7		59.4	65.6
0	2 8		59.1	61.9
0	2 9		53.7	-58.3
0	2 10		31.1	22.3
0	2 11		71.7	-66.7
0	2 12		40.8	41.8
0	2 13		276.7	-277.2
0	2 14		210.6	-210.4
0	2 15		107.8	108.8
0	2 16		79.7	83.3
0	2 17		108.1	-110.1
0	2 18		58.0	-64.1
0	2 19		22.7	-14.5
0	2 20*		1.2	9.0
0	2 21		106.5	-110.9
0	2 22		52.5	-55.7
0	2 23		66.3	70.5
0	2 24		63.5	63.1
0	2 25		83.8	-89.4
0	2 26		21.3	-28.9
2	2 0		144.3	-150.8
2	2 1		75.2	79.5
2	2 -1		226.0	-233.9
2	2 2		70.1	-67.1
2	2 -2		140.9	145.7
2	2 3		246.6	240.6
2	2 -3		42.3	46.9
2	2 4		179.8	174.3
2	2 -4		85.4	81.0
2	2 5		61.4	-56.1
2	2 -5		183.0	177.0
2	2 6		40.6	40.9
2	2 -6		168.5	-163.3
2	2 7*		4.9	-1.1
2	2 -7		110.0	-105.6
2	2 8		61.9	-63.6
2	2 -8*		6.9	2.0
2	2 9		210.2	211.4
2	2 -9		136.6	-137.2
2	2 10		109.4	108.5
2	2 -10		128.0	129.6
2	2 11		75.7	74.1
2	2 -11		123.8	125.7
2	2 12		115.9	112.6
2	2 -12		100.5	-101.8
2	2 13		68.6	-66.0
2	2 -13		59.9	-62.2
2	2 14*		1.2	6.7
2	2 -14		46.0	-44.3
2	2 15		66.8	65.2
2	2 -15		136.7	-132.9
2	2 16*		1.2	-1.4
2	2 -16		37.4	33.9
2	2 17		126.7	128.5

H	K	L	FO	FC
2	2-17		30.9	-31.7
2	2 18		67.5	67.8
2	2-18		53.2	53.6
2	2 19		27.8	25.6
2	2-19		51.1	52.1
2	2 20		74.7	74.2
2	2-20		46.2	-48.0
2	2 21		40.3	42.6
2	2-21		64.4	-65.0
2	2 22*		6.4	-4.1
2	2-22		42.2	45.4
2	2 23		117.3	114.3
2	2-23*		1.2	10.4
2	2 24		28.3	24.3
2	2-24		29.3	27.5
2	2 25		98.2	101.5
2	2-25*		9.5	5.9
2	2 26		27.7	28.3
2	2-27		66.5	69.5
4	2 0		438.4	441.6
4	2 1		478.8	486.4
4	2 -1		142.7	137.5
4	2 2		264.7	262.8
4	2 -2		78.9	83.9
4	2 3		206.7	196.4
4	2 -3		73.9	-65.7
4	2 4		229.5	211.1
4	2 -4		177.4	-173.4
4	2 5		255.0	248.6
4	2 -5		142.2	142.4
4	2 6		302.1	301.7
4	2 -6		211.9	219.3
4	2 7		208.2	206.5
4	2 -7		153.1	161.3
4	2 8		217.0	216.6
4	2 -8		92.5	95.2
4	2 9		198.0	202.4
4	2 -9		146.4	137.3
4	2 10		93.9	95.4
4	2 -10		132.5	127.6
4	2 11		91.1	-94.2
4	2 -11		168.9	164.3
4	2 12		108.5	-114.0
4	2 -12		141.7	134.9
4	2 13		17.2	-15.7
4	2 -13		230.7	229.8
4	2 14		204.6	204.4
4	2 -14		270.0	273.8
4	2 15		101.0	98.6
4	2 -15		280.8	285.0
4	2 16		101.4	101.5
4	2 -16		197.0	197.4
4	2 17		64.0	68.9
4	2 -17		40.7	-46.1
4	2 18*		8.3	-2.1
4	2 -18		65.0	-64.5
4	2 19		65.8	-67.2
4	2 -19		54.6	53.8
4	2 20		67.0	66.1
4	2 -20		37.6	36.3
4	2 21		142.9	144.5
4	2 -21		140.7	138.9
4	2 22		162.3	164.2

H	K	L	FO	FC
4	2-22		116.6	118.2
4	2 23		57.0	54.2
4	2-23*		6.4	-6.9
4	2 24		21.5	-20.2
4	2-24		97.3	-95.7
4	2 25*		11.3	-13.5
4	2-26*		12.3	-6.3
4	2 27		105.0	105.9
4	2-28		79.1	79.7
6	2 0		18.0	22.1
6	2 1		29.1	-35.0
6	2 -1		92.5	102.2
6	2 2		129.7	-131.1
6	2 -2		146.2	-155.3
6	2 3		97.7	99.9
6	2 -3		242.7	-250.9
6	2 4		130.1	131.9
6	2 -4		134.9	140.7
6	2 5		281.2	-284.5
6	2 -5		77.9	85.9
6	2 6		308.2	-311.8
6	2 -6*		1.2	-2.9
6	2 7		331.2	333.7
6	2 -7		31.7	-35.3
6	2 8		57.7	58.1
6	2 -8		125.3	124.9
6	2 9		71.2	-75.1
6	2 -9		128.1	128.6
6	2 10		60.9	-65.5
6	2 -10		128.0	-130.5
6	2 11		39.1	43.3
6	2 -11		298.7	-297.2
6	2 12		22.5	-17.8
6	2 -12		343.3	341.8
6	2 13		16.4	-10.7
6	2 -13		301.8	300.5
6	2 14		135.0	-135.7
6	2 -14		47.7	-48.5
6	2 15		154.4	157.5
6	2 -15		52.7	-55.1
6	2 16		57.9	60.3
6	2 -16		69.9	72.3
6	2 17		58.3	-61.6
6	2 -17		41.8	44.7
6	2 18		49.2	-49.1
6	2 -18		53.3	48.4
6	2 19		32.9	30.9
6	2 -19		35.5	-36.9
6	2 20		19.2	-9.5
6	2 -20		158.6	161.6
6	2 21*		6.8	-6.9
6	2 -21		165.6	166.6
6	2 22		99.7	-101.8
6	2 -22		31.2	-29.6
6	2 23		117.0	120.1
6	2 -23		28.7	-34.9
6	2 24		84.0	86.4
6	2 -24		21.8	29.2
6	2 25		47.2	46.5
6	2 -25*		15.1	-6.3
6	2 26		135.1	140.2
8	2 0		34.6	33.2
8	2 1		149.0	-143.7

H	K	L	FO	FC
8	2	-1	58.1	56.1
8	2	2	90.8	90.0
8	2	-2	41.2	42.2
8	2	3*	3.6	9.7
8	2	-3	103.6	108.0
8	2	4	60.2	-61.8
8	2	-4	108.9	-114.2
8	2	5	49.2	52.2
8	2	-5	89.3	-94.0
8	2	6	127.0	129.2
8	2	-6	19.3	-15.6
8	2	7	138.4	-139.1
8	2	-7	42.7	-37.8
8	2	8	112.8	110.9
8	2	-8	83.8	79.8
8	2	9	21.0	-12.2
8	2	-9	15.3	13.9
8	2	10	52.6	-50.5
8	2	-10	102.3	-101.7
8	2	11	28.6	-22.0
8	2	-11	93.3	93.3
8	2	12	68.1	65.7
8	2	-12	78.4	-80.1
8	2	13	24.3	24.9
8	2	-13	160.4	-162.8
8	2	14	116.8	115.1
8	2	-14	62.2	63.0
8	2	15	39.7	-41.4
8	2	-15	52.7	53.0
8	2	16	23.4	19.2
8	2	-16	132.9	-135.0
8	2	17	56.2	-54.5
8	2	-17	73.1	69.7
8	2	18	70.1	70.7
8	2	-18	49.1	-44.6
8	2	19	20.8	13.1
8	2	-19	79.4	-77.8
8	2	20	68.7	66.4
8	2	-20	104.8	-106.3
8	2	21	49.7	-46.5
8	2	-21	105.2	-105.5
8	2	22	27.3	-24.0
8	2	-22	46.8	48.6
8	2	23	41.7	-44.8
8	2	-23	93.3	-95.4
8	2	24	35.0	-31.8
8	2	-24	56.3	-55.1
8	2	25	31.1	-35.8
8	2	-25	167.5	165.8
10	2	0	175.4	-174.4
10	2	-1	275.5	-280.3
10	2	2	209.1	210.0
10	2	-2	206.2	206.3
10	2	3	168.8	-170.0
10	2	-3	152.9	-147.8
10	2	4	202.1	199.3
10	2	-4	157.3	153.9
10	2	5	132.4	-129.7
10	2	-5	56.3	-60.5
10	2	6	62.0	63.9
10	2	-6	73.0	77.1
10	2	7	137.3	-137.1
10	2	-7	56.3	-55.0

H	K	L	FO	FC
10	2	8	45.4	-47.0
10	2	-8	13.8	-6.3
10	2	9*	13.3	-8.0
10	2	-9	92.6	-92.8
10	2	10	90.2	93.3
10	2	-10	120.1	117.3
10	2	11	54.4	-55.1
10	2	-11	84.7	-80.8
10	2	12*	5.4	-5.3
10	2	-12	160.6	155.2
10	2	13	101.0	-96.8
10	2	-13	87.7	-89.8
10	2	14	18.3	20.9
10	2	-14	131.1	129.0
10	2	15	116.1	-116.0
10	2	-15	170.6	-166.8
10	2	16	49.0	45.5
10	2	-16	134.9	132.6
10	2	17*	10.6	5.2
10	2	-17	181.6	-183.5
10	2	18	100.0	103.1
10	2	-18	160.6	161.6
10	2	19	100.1	-104.2
10	2	-19	48.9	-46.1
10	2	20	102.7	100.6
10	2	-20	39.1	-35.9
10	2	21	10.3	11.7
10	2	-21	66.5	-64.2
10	2	22*	19.8	13.3
10	2	-22	16.8	-8.3
10	2	23	65.5	68.3
10	2	-23	38.0	37.0
10	2	24	21.5	12.8
10	2	-24	65.1	67.9
12	2	0	88.8	84.6
12	2	-0	14.9	-4.2
12	2	1	197.5	-200.7
12	2	-1	106.6	105.8
12	2	2	165.4	165.1
12	2	-2	195.2	-200.4
12	2	3	127.0	129.4
12	2	-3	56.6	-54.0
12	2	4	175.1	-175.9
12	2	-4	323.9	328.7
12	2	5	52.8	49.5
12	2	-5	242.3	-246.6
12	2	6	101.7	104.2
12	2	-6	115.7	-117.0
12	2	7	40.5	42.5
12	2	-7	290.8	297.1
12	2	8	61.2	54.6
12	2	-8	99.6	-96.8
12	2	9	122.5	-127.2
12	2	-9	39.7	-45.2
12	2	10	44.5	46.7
12	2	-10	34.8	-35.4
12	2	11	127.3	128.6
12	2	-11	58.9	-57.4
12	2	12	134.6	-135.5
12	2	-12	157.3	160.6
12	2	13	1.2	-0.0
12	2	-13	14.4	.9
12	2	14*	118.6	119.5

H	K	L	FO	FC
12	2	-15	260.2	-264.5
12	2	16	39.9	-33.6
12	2	-16	211.9	211.8
12	2	17*	12.6	-16.5
12	2	-17	52.7	-49.1
12	2	18	84.7	-87.5
12	2	-18	23.0	-26.7
12	2	19	1.2	-1.1
12	2	-19	24.5	27.5
12	2	20*	54.9	51.2
12	2	-20	223.1	-223.1
12	2	21	152.0	150.1
12	2	-21	53.2	54.8
12	2	22	72.7	-75.2
12	2	-22	24.1	-28.0
12	2	23	80.2	82.6
12	2	-23	28.4	-26.0
14	2	0	19.8	24.1
14	2	-0	59.0	-59.8
14	2	1	44.6	43.3
14	2	-1	22.1	-18.4
14	2	2	30.0	-33.7
14	2	-2	37.5	-33.4
14	2	3	45.1	-44.5
14	2	-3	34.6	33.1
14	2	4	82.4	-80.0
14	2	-4	11.2	-7.7
14	2	5	34.8	-32.4
14	2	-5	2.4	-2.9
14	2	6	17.3	16.5
14	2	-6	31.9	31.7
14	2	7	1.2	2.7
14	2	-7	5.4	-5.2
14	2	8*	1.2	9.8
14	2	-8*	38.5	32.7
14	2	9*	19.6	15.7
14	2	-9	15.5	-14.0
14	2	10	99.2	-96.0
14	2	-10	11.8	9.0
14	2	11	13.7	-11.8
14	2	-11	35.3	-38.1
14	2	12*	41.6	-42.7
14	2	-12	21.4	17.9
14	2	13	27.7	-25.0
14	2	-13	69.8	71.2
14	2	14	110.5	112.6
14	2	-14	19.5	-17.5
14	2	15	14.2	.5
14	2	-15	16.9	-10.7
14	2	16	26.7	30.7
14	2	-16	38.6	34.9
14	2	17	91.5	86.0
14	2	-17	30.0	30.8
14	2	18	111.1	112.0
14	2	-18	88.3	-87.0
14	2	19	5.7	-6.6
14	2	-19	11.5	-10.7
14	2	20*	73.0	73.4
14	2	-20	1.2	-7.4
16	2	0	61.9	-61.6
16	2	-0	99.0	99.8
16	2	1	14.3	10.6
16	2	-1	82.9	85.3

H	K	L	F0	FC
16	2	-2*	8.6	14.5
16	2	3	30.9	-35.9
16	2	-3*	7.3	16.2
16	2	4*	8.9	-1.1
16	2	-4	97.9	94.6
16	2	5	23.9	26.4
16	2	-5	28.0	-30.9
16	2	6*	14.7	-10.1
16	2	-6*	13.5	-8.2
16	2	7	63.6	62.1
16	2	-7	108.2	107.6
16	2	8	24.9	-26.5
16	2	-8	66.8	-68.2
16	2	9	103.3	106.0
16	2	-9	20.4	-25.3
16	2	10	114.5	114.8
16	2	-10	64.9	64.9
16	2	11*	12.2	7.2
16	2	-11	102.0	-99.5
16	2	12*	1.2	2.0
16	2	-12	36.2	-38.2
16	2	13	30.4	30.2
16	2	-14*	3.1	-1.3
16	2	15	57.8	57.9
16	2	-16	33.1	-31.6
16	2	17	100.5	-102.0
16	2	-18	37.9	40.8
16	2	19*	10.8	8.8
16	2	-20	28.6	23.4
16	2	21	47.7	46.2
16	2	-22	32.8	-31.6
16	2	23*	9.0	6.1
16	2	-24*	1.2	-3.5
16	2	25	93.9	-94.9
16	2	-26	28.5	27.2
16	2	27	22.3	24.2
18	2	0	80.3	84.8
18	2	1*	1.2	-9.5
18	2	-1	75.9	80.2
18	2	2	43.3	39.4
18	2	-2	18.0	-26.8
18	2	3	146.7	149.8
18	2	-3	61.3	-66.2
18	2	4	172.6	173.1
18	2	-4	222.9	224.6
18	2	5	83.8	-86.9
18	2	-5	246.6	249.6
18	2	6*	6.8	9.3
18	2	-6	58.8	59.1
18	2	7	102.3	105.7
18	2	-7	87.0	84.3
18	2	8	95.6	96.1
18	2	-8	116.1	116.6
18	2	9	110.7	111.0
18	2	-10	101.9	99.2
18	2	11	79.0	75.8
18	2	-12	218.2	221.8
18	2	13	223.9	226.4
18	2	-14	35.2	-37.5
18	2	15	63.6	-66.7
18	2	-16	69.0	72.6
18	2	17	108.0	112.6
18	2	-18	20.5	5.1

H	K	L	F0	FC
18	2	-19*	1.2	2.8
18	2	20	119.7	122.1
18	2	-21	176.1	176.0
18	2	22	60.7	-65.5
18	2	-23	22.2	-21.2
18	2	24	100.1	99.4
18	2	-25	109.4	111.1
20	2	0	49.5	44.6
20	2	1	43.7	43.3
20	2	-1	23.0	18.1
20	2	2	99.3	-96.4
20	2	-2	40.8	39.4
20	2	3	64.0	-60.8
20	2	-3*	5.4	-9.5
20	2	4	62.4	-62.7
20	2	-4	124.5	-121.8
20	2	5	22.7	-21.7
20	2	-6	32.3	33.4
20	2	7	40.1	41.5
20	2	-8	47.4	45.2
20	2	9	33.7	29.7
20	2	-10*	14.9	-21.0
20	2	11	59.1	-55.6
20	2	-12	50.1	-47.8
20	2	13	54.2	-54.6
20	2	-14	36.6	37.7
20	2	15	98.5	101.0
20	2	-16	54.0	52.1
20	2	17	80.1	-82.7
20	2	-18	25.4	25.7
20	2	19	41.9	-39.0
20	2	-20*	1.2	-5.3
20	2	21	53.5	52.6
20	2	-22	131.5	129.5
20	2	23	47.9	50.9
22	2	-1	57.8	53.2
22	2	2	28.9	-24.5
22	2	-3	37.2	-33.0
22	2	4	30.8	-31.4
22	2	-5	109.1	-111.0
22	2	6	95.3	95.2
22	2	-7	97.1	94.3
22	2	8*	14.5	6.6
22	2	-9*	5.7	5.6
22	2	10	70.0	-67.6
22	2	-11	91.2	-87.4
22	2	12*	3.4	-12.3
22	2	-13*	15.3	6.8
22	2	14	71.0	68.3
22	2	-15	89.0	92.4
22	2	16	109.3	-110.0
22	2	-17	69.3	-72.0
22	2	18	68.8	-64.4
22	2	-19	68.4	-65.4
22	2	20	47.3	45.5
1	3	0	97.3	95.2
1	3	1	303.2	-296.9
1	3	-1	46.9	-53.7
1	3	2	525.3	531.6
1	3	-2	148.4	-142.8
1	3	3	356.3	-356.3
1	3	-3	96.8	91.5
1	3	4	179.7	172.5

H	K	L	F0	FC
1	3	-4	240.6	239.5
1	3	5	266.2	-249.3
1	3	-5	168.0	-177.1
1	3	6	230.4	217.9
1	3	-6	140.5	148.0
1	3	7	310.0	-309.1
1	3	-7	96.2	-93.4
1	3	8	235.7	233.7
1	3	-8	172.1	164.5
1	3	9	221.4	-218.7
1	3	-9	86.5	-84.0
1	3	10	168.3	173.5
1	3	-10	198.1	192.0
1	3	11	201.4	-205.0
1	3	-11	134.1	-131.7
1	3	12	36.2	-37.3
1	3	-12	281.2	281.8
1	3	13	86.7	93.4
1	3	-13	249.2	-257.6
1	3	14	102.4	-107.0
1	3	-14	297.0	301.2
1	3	15	140.7	-141.4
1	3	-15	42.7	-38.7
1	3	16	147.3	148.1
1	3	-16	32.4	-35.1
1	3	17	89.6	-87.6
1	3	-17	63.5	62.2
1	3	18	94.8	97.4
1	3	-18	82.8	82.5
1	3	19	38.5	-41.9
1	3	-19	36.3	-31.8
1	3	20	67.9	-63.6
1	3	-20	193.8	193.8
1	3	21*	12.3	-6
1	3	-21	26.4	-31.4
1	3	22	140.1	139.7
1	3	-22*	13.0	-8
1	3	23	148.1	-149.4
1	3	-23	131.3	128.9
1	3	24	117.0	115.2
1	3	-24	31.4	29.7
1	3	25*	13.1	9.1
1	3	-25	19.7	18.2
1	3	26	153.2	158.1
3	3	0	56.7	56.0
3	3	1	108.2	-120.4
3	3	-1	183.2	187.5
3	3	2	20.9	-26.7
3	3	-2	42.5	-40.7
3	3	3	152.1	158.9
3	3	-3	165.7	-171.8
3	3	4	27.0	26.6
3	3	-4	43.9	43.3
3	3	5	92.5	-99.5
3	3	-5	102.4	110.1
3	3	6	33.6	-33.5
3	3	-6	46.3	-44.7
3	3	7	286.5	287.7
3	3	-7	230.1	-235.4
3	3	8	85.8	85.7
3	3	-8	43.0	40.8
3	3	9	195.4	-199.4
3	3	-9	141.2	145.0

H	K	L	F0	FC
3	3	10	54.8	-57.5
3	3	10	45.7	-46.0
3	3	11	195.2	201.5
3	3	11	352.8	-355.6
3	3	12	41.6	40.5
3	3	12	52.9	53.7
3	3	13	76.3	-80.7
3	3	13	35.6	39.9
3	3	14	27.3	24.1
3	3	14	32.2	-34.2
3	3	15	50.8	53.6
3	3	15	223.3	-227.8
3	3	16	23.2	25.4
3	3	16	43.1	41.8
3	3	17	53.8	-58.1
3	3	17	51.9	-45.5
3	3	18*	14.6	-16.7
3	3	18*	10.5	14.5
3	3	19	77.9	81.9
3	3	19	158.2	-162.3
3	3	20	38.4	39.9
3	3	20	44.2	45.0
3	3	21	60.4	-65.5
3	3	21	16.6	-9.2
3	3	22*	13.7	6.8
3	3	22*	8.5	-6.3
3	3	23	87.5	89.3
3	3	23	142.5	-147.1
3	3	24*	12.4	17.7
3	3	24	51.6	53.6
3	3	25*	1.2	5.2
3	3	26	21.5	12.7
3	3	27	151.0	-157.7
5	3	0	23.8	-11.5
5	3	1	51.5	-45.0
5	3	-1	77.3	67.5
5	3	2	177.1	168.2
5	3	-2	22.6	-23.4
5	3	3	123.2	-122.2
5	3	-3	130.4	-118.2
5	3	4	180.9	-181.6
5	3	-4	26.1	-39.0
5	3	5	27.1	28.3
5	3	-5	19.4	16.6
5	3	6*	6.1	-2.9
5	3	-6	118.3	-105.2
5	3	7	70.9	-75.0
5	3	-7	205.5	200.7
5	3	8	178.7	175.3
5	3	-8	168.8	165.8
5	3	9	46.4	48.7
5	3	-9	153.0	-154.1
5	3	10	96.0	-96.8
5	3	-10	95.8	-97.8
5	3	11	37.0	-34.5
5	3	-11	79.0	84.5
5	3	12	59.0	-57.1
5	3	-12	142.4	-142.5
5	3	13	26.3	-19.4
5	3	-13	55.1	47.5
5	3	14	105.9	102.8
5	3	-14	196.8	196.5
5	3	15	36.5	-35.2

H	K	L	F0	FC
5	3	15	49.6	50.1
5	3	16	62.2	64.3
5	3	16	28.4	-24.5
5	3	17	37.9	-37.2
5	3	17*	14.6	-20.4
5	3	18	70.8	-69.4
5	3	18	139.2	-138.7
5	3	19	58.0	-56.7
5	3	19	135.3	138.8
5	3	20	23.6	-26.6
5	3	20	22.4	-25.3
5	3	21	50.5	-45.4
5	3	21	62.8	63.8
5	3	22	106.2	108.1
5	3	22	75.2	73.9
5	3	23	32.0	-29.5
5	3	23	53.0	53.1
5	3	24	84.3	-82.7
5	3	25*	11.6	-2.0
5	3	26	123.5	-121.8
5	3	27	110.5	114.5
5	3	28	62.6	62.8
7	3	0	50.2	47.8
7	3	1	84.2	-79.2
7	3	-1*	1.2	-9.3
7	3	2	83.2	-82.1
7	3	-2	19.5	20.3
7	3	3	29.4	-27.7
7	3	-3	148.0	152.4
7	3	4	47.6	45.1
7	3	-4	13.7	-8.4
7	3	5	191.9	193.4
7	3	-5	62.0	-64.4
7	3	6	31.1	31.9
7	3	-6	25.3	21.7
7	3	7	123.1	-127.1
7	3	-7	121.0	-115.9
7	3	8	68.4	-72.6
7	3	-8	45.9	-43.5
7	3	9*	12.5	13.9
7	3	-9	54.3	49.7
7	3	10	67.7	69.6
7	3	-10	87.9	85.6
7	3	11	119.1	114.9
7	3	-11	59.6	59.5
7	3	12	48.4	-48.6
7	3	-12	76.4	-76.5
7	3	13	93.5	94.6
7	3	-13	157.2	-158.7
7	3	14*	1.2	6.7
7	3	-14	17.1	-11.8
7	3	15	71.3	-73.9
7	3	-15*	5.6	18.9
7	3	16	28.0	27.5
7	3	-16	80.0	79.4
7	3	17	90.8	92.8
7	3	-17	51.0	43.5
7	3	19	24.3	16.7
7	3	-19*	11.7	7.8
7	3	19	24.3	16.7
7	3	-19*	11.7	7.8
7	3	18	34.4	-31.9
7	3	-18	60.4	-60.9

H	K	L	F0	FC
7	3	19	24.3	16.7
7	3	19*	11.7	7.8
7	3	20*	1.2	4.9
7	3	20	18.8	14.5
7	3	21	20.1	19.0
7	3	21	80.0	-81.0
7	3	22	36.6	34.5
7	3	23*	7.8	4.2
7	3	24	49.1	-48.2
7	3	25	26.6	21.1
7	3	26*	1.2	12.1
7	3	27	53.2	-50.1
7	3	28	23.4	-15.9
9	3	0	57.1	54.0
9	3	1	326.9	-333.3
9	3	-1	232.9	237.4
9	3	2	20.8	-20.2
9	3	-2	44.0	-46.1
9	3	3	100.9	106.7
9	3	-3	28.1	20.9
9	3	4	22.1	22.1
9	3	-4	21.3	22.5
9	3	5	63.3	-66.7
9	3	-5	74.4	-66.7
9	3	6	58.5	-57.7
9	3	-6*	1.2	-5.4
9	3	7	29.7	31.8
9	3	-7	128.4	-132.0
9	3	8	34.8	34.2
9	3	-8	75.2	75.0
9	3	9	272.8	-274.3
9	3	-9	351.5	355.4
9	3	10	40.1	-38.6
9	3	-10	37.1	-38.3
9	3	11	78.9	83.4
9	3	-11	152.5	-156.8
9	3	12	33.2	-27.2
9	3	-12	49.1	47.9
9	3	13	47.5	-51.7
9	3	-13	92.6	97.3
9	3	15	33.8	-30.8
9	3	15*	1.2	-3.2
9	3	15	33.8	-30.8
9	3	15*	1.2	-3.2
9	3	14	38.8	-41.3
9	3	14*	8.3	.7
9	3	16	29.9	30.4
9	3	-16	38.4	39.2
9	3	15	33.8	-30.8
9	3	15*	1.2	-3.2
9	3	16	29.9	30.4
9	3	-16	38.4	39.2
9	3	17	94.7	-100.8
9	3	-17	235.9	237.3
9	3	18	46.3	-47.7
9	3	-18	58.0	-57.4
9	3	19	97.5	101.9
9	3	-19	145.4	-148.6
9	3	20	19.6	-14.4
9	3	-20	29.1	28.1
9	3	21	55.6	59.3
9	3	-22	23.9	17.3
9	3	23	29.7	24.2

H	K	L	FO	FC
9	3-24		20.8	21.5
9	3-25		69.1	72.0
9	3-26*		14.6	-7.9
9	3-27		99.4	-103.3
9	3-28		51.0	50.9
11	3 0		134.3	134.1
11	3 1		140.0	141.5
11	3 -1		20.5	18.0
11	3 2		165.5	-167.9
11	3 -2		92.9	94.1
11	3 3*		5.9	4.7
11	3 -3		22.9	-18.7
11	3 4*		4.8	9.8
11	3 -4		140.7	-143.1
11	3 5		74.5	78.4
11	3 -5*		10.9	2.0
11	3 6		230.1	232.2
11	3 -6		100.8	-99.6
11	3 7		88.4	86.0
11	3 -7		42.5	48.3
11	3 8		80.1	-79.2
11	3 -8		150.0	148.8
11	3 9		77.5	76.2
11	3 -9		49.7	-52.1
11	3 10		69.0	-66.7
11	3 -10		93.1	94.3
11	3 11		24.7	19.6
11	3 -11		17.5	-14.6
11	3 12		81.0	79.9
11	3 -12		208.9	-211.2
11	3 13		70.6	74.0
11	3 -13		34.7	-34.9
11	3 14		51.5	48.6
11	3 -14		123.0	127.7
11	3 15		93.9	89.1
11	3 -15		19.7	24.1
11	3 16		36.3	-41.0
11	3 -16		151.0	146.6
11	3 17		86.4	83.2
11	3 -17		146.2	-150.0
11	3 18		23.8	-21.9
11	3 -18		131.7	-131.3
11	3 -19*		1.2	4.3
11	3 -20*		14.3	-13.2
11	3 -21		47.5	-52.0
11	3 -22		96.9	94.5
11	3 -23*		15.9	-13.3
11	3 -24*		1.2	1.3
11	3 -25		37.0	-41.5
11	3 -26*		10.3	-10.0
11	3 -27		49.3	50.9
11	3 -28*		12.2	8.8
13	3 0		227.8	227.6
13	3 1		204.3	207.4
13	3 -1		87.2	84.1
13	3 2		87.6	87.3
13	3 -2		264.6	269.2
13	3 3		66.9	63.8
13	3 -3		140.7	142.5
13	3 4		85.1	83.8
13	3 -4*		7.9	-14.1
13	3 5		67.4	70.0
13	3 -5		143.1	136.0

H	K	L	FO	FC
13	3 6		106.9	109.1
13	3 -6		131.1	131.1
13	3 7		19.5	-25.0
13	3 -7		93.8	97.2
13	3 8		73.9	73.6
13	3 -8		156.9	160.6
13	3 9		72.0	75.7
13	3 -9		15.0	-9.1
13	3 10		36.7	36.4
13	3 -10		79.6	-81.1
13	3 11		73.8	-73.7
13	3 -11		166.0	168.4
13	3 12		101.2	98.0
13	3 -12		43.2	44.8
13	3 13		22.7	31.7
13	3 -13		74.1	74.6
13	3 14		165.5	163.8
13	3 -14		170.4	170.5
13	3 15*		1.2	-9.7
13	3 -15		112.1	111.9
13	3 -16		120.9	119.4
13	3 -17		137.0	132.6
13	3 -18		83.6	83.0
13	3 -19		136.5	136.9
13	3 -20		79.5	78.3
13	3 -21		57.7	53.6
13	3 -22		120.9	118.8
13	3 -23		79.1	79.0
13	3 -24		20.9	-19.9
13	3 -25		26.1	26.8
13	3 -26		27.7	-29.6
13	3 -27		37.9	38.6
13	3 -28		55.8	52.3
15	3 0		60.8	-58.6
15	3 1		250.1	-252.3
15	3 -1		17.4	23.4
15	3 2		34.7	-32.9
15	3 -2		141.3	137.6
15	3 3		75.3	79.2
15	3 -3		145.8	-148.3
15	3 4		212.1	213.4
15	3 -4		221.4	220.3
15	3 5		109.4	-113.6
15	3 -5		124.9	-119.8
15	3 6		29.2	28.1
15	3 -6*		12.4	-8.8
15	3 7		46.4	-40.3
15	3 -7		315.6	-316.2
15	3 8*		14.1	-14.8
15	3 -8		116.6	115.3
15	3 9		195.9	-196.9
15	3 -9		18.5	-10.8
15	3 10		123.6	119.0
15	3 -10		252.1	253.1
15	3 11*		1.2	17.8
15	3 -11		154.9	-161.1
15	3 12		136.2	133.5
15	3 -12		135.1	136.4
15	3 13		82.8	-84.0
15	3 -13*		9.8	7.8
15	3 -14		78.6	-77.8
15	3 -15		156.6	-159.2
15	3 -16		145.7	146.7

H	K	L	FO	FC
15	3-17		176.1	179.2
15	3-18		167.3	164.0
15	3-19		120.3	-124.9
15	3-20		41.6	41.7
15	3-21		30.2	-22.0
15	3-22		24.4	20.5
15	3-23		69.8	-73.2
15	3-24		213.0	210.4
15	3-25		49.0	53.1
15	3-26		113.9	110.3
15	3-27		99.0	-105.1
17	3 0		46.1	43.0
17	3 1*		10.1	-8.1
17	3 -1*		6.7	-9.7
17	3 2		24.9	23.1
17	3 -2		24.7	-20.0
17	3 3		31.1	-31.0
17	3 -3		75.1	72.9
17	3 4		33.8	-31.6
17	3 -4		54.4	-56.7
17	3 5		115.6	112.5
17	3 -5		31.6	-33.0
17	3 6		51.6	-48.5
17	3 -6		108.8	111.7
17	3 7		21.2	-18.1
17	3 -7		71.2	-69.7
17	3 8		64.9	62.4
17	3 -8*		10.3	-7.4
17	3 9		44.4	-43.7
17	3 -9		32.4	25.1
17	3 -10		102.0	-101.2
17	3 -11		50.1	52.3
17	3 -12		42.1	40.6
17	3 -13		118.3	-120.1
17	3 -14		30.8	28.4
17	3 -15		16.8	-1.0
17	3 -16		34.1	-33.4
17	3 -17		33.1	-32.9
17	3 -18		21.6	-18.4
17	3 -19*		1.2	2.2
17	3 -20		36.7	35.7
17	3 -21		169.3	-173.2
17	3 -22		71.2	68.5
17	3 -23		59.7	-55.2
17	3 -24		70.1	-69.6
17	3 -25		32.8	-32.6
17	3 -26*		10.0	14.4
19	3 0		26.4	-25.2
19	3 1*		1.2	6.8
19	3 -1		34.7	-42.1
19	3 2		71.1	71.3
19	3 -2		44.9	-44.0
19	3 3		54.8	-58.0
19	3 -3		46.9	47.9
19	3 4		37.1	-38.1
19	3 -4		36.0	33.4
19	3 5*		1.2	4.8
19	3 -5		34.7	-40.3
19	3 6*		1.2	-3.4
19	3 -6		19.3	16.5
19	3 -7		16.5	19.4
19	3 -8		35.0	-32.5
19	3 -9		33.4	-33.4

H	K	L	F0	FC
19	3-10*		12.3	-9.2
19	3-11		30.7	39.5
19	3-12*		15.3	18.0
19	3-13*		1.2	-10.2
19	3-14		16.1	10.9
19	3-15		21.6	19.9
19	3-16		96.2	-97.1
19	3-17		36.5	33.3
19	3-18*		1.2	11.0
19	3-19		65.7	66.1
19	3-20*		15.7	13.8
19	3-21		30.1	-26.5
19	3-22		67.7	-66.8
19	3-23		46.1	52.9
19	3-24*		1.2	-7.0
21	3 0		69.5	69.9
21	3 1		32.9	-38.2
21	3 -1		126.5	129.0
21	3 -2		45.8	43.9
21	3 -3		62.3	-67.7
21	3 -4		68.0	-64.1
21	3 -5		70.3	72.9
21	3 -6		59.3	-57.1
21	3 -7		31.8	-35.6
21	3 -8		121.3	123.5
21	3 -9		61.3	63.8
21	3-10		29.5	-33.0
21	3-11		94.7	-98.4
21	3-12		82.1	-82.3
21	3-13		84.2	87.5
21	3-14		39.7	39.2
21	3-15		51.5	-55.7
21	3-16		103.3	102.9
21	3-17		42.4	46.3
21	3-18		96.6	-97.7
21	3-19		96.0	-101.2
21	3-20		28.0	-22.0
21	3-21		90.0	90.0
23	3 -7		21.5	-21.0
23	3 -8		75.0	74.5
23	3 -9		30.1	-31.0
23	3-10		29.0	-29.8
23	3-11		42.9	47.9
23	3-12		29.5	-26.8
23	3-13*		6.6	6.8
23	3-14		61.5	61.7
23	3-15*		3.0	2.2
0	4 0		34.3	-37.2
0	4 1		248.7	-255.6
0	4 2		43.7	43.1
0	4 3		67.8	75.5
0	4 4		33.4	-34.0
0	4 5		95.8	-98.1
0	4 6		41.5	40.0
0	4 7		208.4	211.9
0	4 8		74.9	-73.4
0	4 9		429.9	-433.4
0	4 10		51.4	51.3
0	4 11		175.2	180.2
0	4 12		30.4	-32.6
0	4 13		90.9	-97.0
0	4 14*		8.2	-7.2
0	4 15*		7.6	5.6

H	K	L	F0	FC
0	4 16		14.5	4.2
0	4 17		141.8	-144.0
0	4 18		42.6	41.4
0	4 19		133.1	137.5
0	4 20		34.2	-34.5
0	4 21		44.9	-46.9
0	4 22		25.7	24.4
0	4 23		26.7	25.3
0	4 24*		1.2	-9.7
0	4 25		86.6	-97.1
2	4 0		29.6	-36.4
2	4 1		30.3	-18.9
2	4 -1		174.1	160.5
2	4 2		86.3	-75.1
2	4 -2		12.0	-17.1
2	4 3		18.1	13.4
2	4 -3		37.3	-32.2
2	4 4		205.7	198.2
2	4 -4		62.5	-47.9
2	4 5		141.8	138.6
2	4 -5		170.6	-165.6
2	4 6		179.4	-181.1
2	4 -6		193.7	188.2
2	4 7*		8.8	3.9
2	4 -7		178.5	177.6
2	4 8		95.6	-92.5
2	4 -8		121.0	-123.6
2	4 9		83.5	84.8
2	4 -9		113.0	-117.1
2	4 10		177.6	176.9
2	4 -10		50.2	-51.1
2	4 11		15.1	-19.3
2	4 -11		70.2	-64.5
2	4 12		82.8	-81.7
2	4 -12		229.8	232.6
2	4 13		54.2	57.2
2	4 -13		43.6	-47.8
2	4 14		114.4	-114.3
2	4 -14		49.1	-45.9
2	4 15		36.8	34.1
2	4 -15		25.1	27.1
2	4 16		25.9	20.0
2	4 -16		107.9	-105.3
2	4 17		43.1	41.8
2	4 -17		130.7	-134.9
2	4 18		53.0	52.5
2	4 -18		57.2	50.5
2	4 19		41.8	37.2
2	4 -19		29.7	-28.5
2	4 20		84.7	-82.6
2	4 -20		90.4	93.0
2	4 21		60.3	60.6
2	4 -21*		2.3	-16.0
2	4 22		119.1	-119.2
2	4 -22		90.7	-89.1
2	4 23		59.8	56.3
2	4 -23		19.6	22.9
2	4 24		81.7	82.9
2	4 -24		57.9	-56.6
2	4 -25		88.0	-95.4
2	4 -26		117.1	121.0
4	4 0		12.3	-10.5
4	4 1		46.7	-38.5

H	K	L	F0	FC
4	4 -1		35.5	-45.2
4	4 2		11.4	3.5
4	4 -2		11.9	-11.2
4	4 3		19.2	-17.6
4	4 -3		62.1	70.4
4	4 4		10.8	-5.2
4	4 -4*		10.0	2.0
4	4 5		25.7	27.6
4	4 -5		82.7	78.9
4	4 6*		9.0	-1.8
4	4 -6		24.7	18.1
4	4 7		109.1	-111.2
4	4 -7		40.1	38.0
4	4 8		16.6	12.4
4	4 -8*		5.5	7.7
4	4 9		32.8	-27.8
4	4 -9		24.4	-24.4
4	4 10		18.6	19.0
4	4 -10*		10.3	-3.2
4	4 11*		4.9	4.8
4	4 -11		66.8	67.9
4	4 12*		5.6	10.5
4	4 -12		20.2	22.0
4	4 13		68.3	-62.9
4	4 -13		71.9	69.0
4	4 14		21.4	-18.5
4	4 -14*		2.8	6.1
4	4 15		217.4	-219.4
4	4 -15		76.8	-73.9
4	4 16		44.2	42.5
4	4 -16*		6.2	-1.8
4	4 17		17.1	-11.8
4	4 -17		33.9	32.5
4	4 18*		1.2	6.3
4	4 -18		18.4	12.1
4	4 19		96.0	-99.0
4	4 -19		159.7	162.8
4	4 20*		10.4	1.7
4	4 -20		24.1	18.9
4	4 21		131.1	-127.4
4	4 -21		19.5	-13.3
4	4 22		37.5	36.2
4	4 -22		21.9	19.9
4	4 23		101.3	-106.5
4	4 -23*		1.2	-8.1
4	4 -24*		1.2	7.5
4	4 -25		100.9	98.5
4	4 -26		27.7	29.0
4	4 -27		20.5	20.7
6	4 0		17.8	-17.3
6	4 1		310.8	-314.0
6	4 -1		131.8	-123.9
6	4 2		134.4	135.3
6	4 -2		456.8	456.5
6	4 3		90.3	94.8
6	4 -3		449.4	-449.9
6	4 4		289.4	283.9
6	4 -4		416.3	410.5
6	4 5		167.2	-173.1
6	4 -5		12.4	13.2
6	4 6		43.6	42.1
6	4 -6		60.3	60.6
6	4 7		79.4	84.9

H	K	L	FO	FC
6	4	-7	364.1	-367.4
6	4	8	73.7	-77.6
6	4	-8*	10.1	.7
6	4	9	100.8	-102.1
6	4	-9	29.0	-15.8
6	4	10	314.9	315.8
6	4	-10	266.6	265.3
6	4	11	101.0	103.7
6	4	-11	132.3	-135.2
6	4	12	223.5	223.8
6	4	-12	43.4	-43.9
6	4	13	167.2	-172.9
6	4	-13	58.3	62.9
6	4	14	86.5	88.3
6	4	-14	73.5	-72.0
6	4	15	37.7	43.9
6	4	-15	254.8	-255.0
6	4	16	110.5	107.9
6	4	-16	131.8	130.0
6	4	17	64.5	-70.8
6	4	-17	27.9	30.7
6	4	18	185.2	186.9
6	4	-18	207.8	209.8
6	4	19	79.8	83.1
6	4	-19	152.4	-154.9
6	4	20	55.0	56.8
6	4	-20	27.1	26.4
6	4	21	53.8	-56.5
6	4	-21	16.2	-9.9
6	4	22*	11.4	-3.0
6	4	-22	64.4	66.2
6	4	23	143.8	-150.2
6	4	-24	86.5	84.3
6	4	25	73.4	74.6
6	4	-26	44.7	46.2
6	4	27	63.8	-70.2
8	4	0	41.1	38.1
8	4	1	145.2	145.6
8	4	-1*	2.1	-3.9
8	4	2	102.8	98.7
8	4	-2	99.5	100.4
8	4	3	136.0	130.0
8	4	-3	19.8	23.3
8	4	4	135.1	135.3
8	4	-4	105.7	104.9
8	4	5	65.4	66.5
8	4	-5	176.3	170.6
8	4	6	139.7	135.6
8	4	-6	172.5	167.3
8	4	7	171.8	171.3
8	4	-7	253.6	258.0
8	4	8	179.6	180.4
8	4	-8	253.1	252.6
8	4	9	208.2	212.3
8	4	-9	111.3	105.9
8	4	10	78.4	76.8
8	4	-10	236.1	235.4
8	4	11	57.7	52.8
8	4	-11	161.5	165.4
8	4	12	44.2	46.4
8	4	-12	188.4	187.0
8	4	13	15.8	16.0
8	4	-13	184.4	180.9

H	K	L	FO	FC
8	4	14	58.9	58.9
8	4	-14	125.3	124.0
8	4	15	73.8	72.4
8	4	-15	39.7	42.2
8	4	16	23.0	-15.9
8	4	-16	128.6	124.5
8	4	17	57.8	55.4
8	4	-17	114.5	-119.0
8	4	18*	15.0	15.7
8	4	-18	95.2	90.6
8	4	19	36.4	-31.4
8	4	-19	51.0	52.0
8	4	20	41.7	42.1
8	4	-20	70.4	70.3
8	4	21*	1.2	-8.6
8	4	-22	107.5	105.1
8	4	23	34.1	-28.1
8	4	-24	153.8	154.1
8	4	25	38.2	-42.9
8	4	-26	100.1	98.4
8	4	27	86.5	86.5
8	4	-28	86.0	88.1
10	4	0	89.2	-88.6
10	4	1	84.2	86.4
10	4	-1	51.2	-53.7
10	4	2	190.2	190.5
10	4	-2	147.8	-150.0
10	4	3	126.2	-126.8
10	4	-3	31.3	-25.9
10	4	4	78.4	-80.0
10	4	-4	105.5	108.8
10	4	5	17.3	-7.2
10	4	-5*	9.5	3.4
10	4	6	165.5	-168.3
10	4	-6	139.8	139.3
10	4	7	67.7	-69.6
10	4	-7	51.3	56.1
10	4	8	150.3	151.5
10	4	-8	97.4	-97.0
10	4	9	22.8	-16.8
10	4	-9	12.9	7.3
10	4	10	47.1	46.1
10	4	-10	143.2	-143.0
10	4	11	92.1	-93.3
10	4	-11	46.5	46.6
10	4	12	55.5	-54.0
10	4	-12	196.0	197.7
10	4	13*	11.5	-3.8
10	4	-13	56.2	53.7
10	4	14*	1.2	.9
10	4	-14	23.2	-31.8
10	4	15	38.4	-38.8
10	4	-15	115.6	119.3
10	4	16	72.2	70.3
10	4	-16	191.7	-189.8
10	4	17	45.9	48.2
10	4	-17	24.3	-22.3
10	4	18*	1.2	8.8
10	4	-18	109.9	109.7
10	4	19	77.7	79.1
10	4	-20	84.0	81.0
10	4	21	63.3	61.0
10	4	-22	33.0	-34.5

H	K	L	FO	FC
10	4	-23	56.7	55.0
10	4	-24*	3.9	-11.4
10	4	25	62.4	62.7
10	4	-26	50.0	51.6
10	4	27	98.5	93.9
12	4	0	20.8	-22.3
12	4	1	135.9	-142.3
12	4	-1	259.8	268.9
12	4	2	17.8	19.6
12	4	-2	29.6	30.4
12	4	3	99.4	101.8
12	4	-3	137.0	-140.2
12	4	4	36.8	-37.6
12	4	-4	35.7	-37.6
12	4	5	50.8	-51.7
12	4	-5	16.1	-9.7
12	4	6	26.3	28.5
12	4	-6	27.0	26.0
12	4	7	200.9	203.4
12	4	-7	20.2	-21.5
12	4	8	21.7	-17.8
12	4	-8	31.2	-32.5
12	4	9	116.3	-119.0
12	4	-9	154.9	159.7
12	4	10*	1.2	-.4
12	4	-10	26.1	23.2
12	4	11	41.6	46.5
12	4	-11	266.2	-270.1
12	4	12*	1.2	-4.2
12	4	-12	44.7	-45.3
12	4	13*	10.5	1.9
12	4	-13	89.9	97.2
12	4	14	38.0	38.5
12	4	-14	19.5	-.2
12	4	15	66.4	70.7
12	4	-15	114.2	-115.5
12	4	16	24.0	-24.9
12	4	-16	52.2	-52.7
12	4	17	57.7	60.6
12	4	-18	20.3	-2.3
12	4	19	237.9	-239.1
12	4	-20	57.1	-56.8
12	4	21	71.9	72.3
12	4	-22	18.8	-21.1
12	4	23	43.2	-47.6
12	4	-24	25.4	-26.6
12	4	25	26.2	-19.4
12	4	-26*	4.6	-6.9
12	4	27	106.5	-108.6
14	4	0	72.6	-69.7
14	4	1	36.3	38.9
14	4	-1	35.7	-33.3
14	4	2*	11.0	6.9
14	4	-2	21.2	-19.9
14	4	3	84.7	-86.7
14	4	-3	74.1	-68.9
14	4	4	86.2	85.7
14	4	-4	138.2	138.2
14	4	5*	11.6	15.8
14	4	-5*	9.4	-5.3
14	4	6*	1.2	6.2
14	4	-6	83.0	-83.6
14	4	7*	15.4	-11.5

H	K	L	F0	FC
14	4	-7	39.9	45.2
14	4	8	116.5	-114.3
14	4	-8	106.0	-104.9
14	4	9*	1.2	-2.3
14	4	-9	47.2	-50.2
14	4	10	73.0	71.4
14	4	-10	115.8	113.7
14	4	11	20.9	-21.6
14	4	-11*	7.5	12.7
14	4	12	75.6	71.4
14	4	-12*	13.6	13.9
14	4	13	30.3	-27.6
14	4	-13*	13.4	3.0
14	4	-14	75.4	-74.9
14	4	-15	72.2	73.7
14	4	-16*	6.4	-2.0
14	4	-17	84.7	-85.3
14	4	-18	63.0	63.0
14	4	-19	77.1	78.7
14	4	-20	21.5	19.8
14	4	-21	41.2	38.5
14	4	-22	113.9	-109.9
14	4	-23*	8.2	16.1
14	4	-24	37.6	36.1
14	4	-25*	2.1	.3
14	4	-26	51.4	50.0
14	4	-27	79.0	78.4
16	4	0	58.0	-54.5
16	4	1	37.1	-32.7
16	4	-1*	4.8	-6.6
16	4	2	24.0	-23.0
16	4	-2	43.3	45.3
16	4	3*	16.0	21.2
16	4	-3	84.5	87.3
16	4	4	37.2	41.2
16	4	-4	29.7	31.2
16	4	5	135.0	137.4
16	4	-5	34.9	-41.0
16	4	6	33.0	-33.5
16	4	-6	35.6	-32.4
16	4	7	27.6	-32.7
16	4	-7	33.1	-27.8
16	4	8	26.5	-28.5
16	4	-8	22.7	20.5
16	4	9	43.8	45.0
16	4	-9*	1.2	5.4
16	4	10*	1.2	-3.8
16	4	-10	36.3	37.9
16	4	-11	70.1	71.9
16	4	-12*	11.5	10.4
16	4	-13	70.3	-72.5
16	4	-14	40.1	-40.5
16	4	-15	57.5	-55.7
16	4	-16*	10.1	5.7
16	4	-17	40.5	39.0
16	4	-18	49.4	48.6
16	4	-19*	1.2	-1.7
16	4	-20*	12.7	-8.8
16	4	-21	100.5	-102.6
16	4	-22*	9.9	-7.7
16	4	-23*	1.2	.8
16	4	-24	61.2	60.2
16	4	-25	25.3	18.4

H	K	L	F0	FC
16	4	-26	25.9	30.0
18	4	0*	11.9	-11.1
18	4	1	108.2	-113.0
18	4	-1	114.5	115.7
18	4	2	157.8	136.7
18	4	-2	114.4	-112.2
18	4	3	33.9	-26.4
18	4	-3	96.7	-101.8
18	4	4	73.7	-70.8
18	4	-4	31.9	29.3
18	4	5	103.7	-105.1
18	4	-5	48.8	52.3
18	4	6	33.4	-27.5
18	4	-6	108.3	106.7
18	4	7	32.3	34.2
18	4	-7	51.4	-56.9
18	4	-8	68.2	-67.8
18	4	-9	118.4	121.9
18	4	-10	45.9	-46.8
18	4	-11	103.6	-106.4
18	4	-12	64.9	63.1
18	4	-13	113.3	114.6
18	4	-14	102.4	102.7
18	4	-15	21.3	-20.2
18	4	-16	135.2	-133.2
18	4	-17	123.2	126.1
18	4	-18*	6.6	5.0
18	4	-19	45.0	-49.2
18	4	-20	116.8	113.1
18	4	-21	88.9	92.9
18	4	-22	19.1	-14.6
18	4	-23	34.1	-35.4
18	4	-24	73.5	-73.1
20	4	0	153.7	151.8
20	4	1*	1.2	7.9
20	4	-1	117.8	-115.0
20	4	2	117.5	116.7
20	4	-2	83.5	82.5
20	4	-3	64.5	-63.1
20	4	-4	72.5	71.2
20	4	-5	34.2	28.3
20	4	-6	84.2	85.5
20	4	-7	50.5	-50.6
20	4	-8	27.1	28.2
20	4	-9	163.9	-164.1
20	4	-10	61.9	60.5
20	4	-11	19.8	-14.8
20	4	-12	101.2	99.4
20	4	-13	59.5	-65.4
20	4	-14	100.4	100.9
20	4	-15	159.4	-154.2
20	4	-16	113.8	116.5
20	4	-17	121.3	-119.8
20	4	-18	58.2	59.1
20	4	-19	22.2	14.9
20	4	-20	70.2	67.1
20	4	-21	101.2	-101.1
22	4	-4	122.9	122.5
22	4	-5	112.1	107.1
22	4	-6	119.2	115.2
22	4	-7	102.6	105.7
22	4	-8*	15.1	15.7
22	4	-9*	6.4	6.0

H	K	L	F0	FC
22	4	-10	81.9	84.0
22	4	-11	91.4	98.7
22	4	-12	135.5	139.8
22	4	-13	29.9	28.2
22	4	-14	19.5	15.4
22	4	-15*	16.7	-.7
22	4	-16	53.8	54.8
22	4	-17	34.2	31.5
1	5	0	126.7	127.1
1	5	1	85.0	89.3
1	5	-1	119.6	-123.7
1	5	2	56.6	52.9
1	5	-2	41.7	-45.8
1	5	3	65.2	62.4
1	5	-3	26.9	-23.5
1	5	4	76.2	-74.2
1	5	-4	41.8	-38.2
1	5	5	32.3	34.6
1	5	-5	141.5	137.5
1	5	6	99.3	96.0
1	5	-6	71.4	-72.1
1	5	7	124.7	-126.2
1	5	-7	18.4	-17.5
1	5	8	112.6	112.4
1	5	-8	86.3	86.6
1	5	9	167.2	171.5
1	5	-9	25.0	-26.3
1	5	10	31.6	-37.4
1	5	-10	137.2	-140.1
1	5	11*	10.5	-9.4
1	5	-11	125.3	127.4
1	5	12	132.7	134.3
1	5	-12	89.0	-86.2
1	5	13	115.7	-111.5
1	5	-13	24.8	25.3
1	5	14	67.9	64.1
1	5	-14	108.5	106.4
1	5	15	57.5	54.7
1	5	-15*	13.9	11.3
1	5	16	145.8	147.6
1	5	-16	45.1	-43.7
1	5	17	126.7	127.2
1	5	-17	51.9	-52.8
1	5	18	62.5	60.4
1	5	-18	107.7	-106.0
1	5	19	51.4	-54.5
1	5	-19	56.1	55.8
1	5	20	69.6	72.3
1	5	-20	29.2	24.6
1	5	21	85.6	89.2
1	5	-21	35.5	34.8
1	5	22	88.6	82.5
1	5	-22	24.6	-26.2
1	5	23	65.1	58.9
1	5	-23	22.0	-20.9
1	5	24	82.1	88.1
1	5	-24	53.3	-51.0
1	5	-25	49.8	53.8
3	5	0	305.4	298.9
3	5	1	36.8	-37.9
3	5	-1	486.2	487.2
3	5	2	152.2	153.6
3	5	-2	482.0	479.7

H	K	L	FO	FC
3	5	3	299.4	300.2
3	5	-3	223.4	213.3
3	5	4	79.7	-80.9
3	5	-4	58.9	-60.5
3	5	5	113.7	106.1
3	5	-5	237.4	241.1
3	5	6	286.9	288.7
3	5	-7	98.0	-99.6
3	5	8	42.3	-44.7
3	5	-8	84.2	177.7
3	5	9	90.6	-98.2
3	5	-9	39.7	243.4
3	5	10	45.6	-47.2
3	5	-10	55.6	57.4
3	5	11	92.3	292.8
3	5	-11	58.0	-64.1
3	5	12	75.8	72.3
3	5	-12	75.2	-80.0
3	5	13	48.2	45.9
3	5	-13	42.5	39.2
3	5	14	241.4	241.4
3	5	-14	264.0	264.9
3	5	15	114.5	118.5
3	5	-15	31.5	30.1
3	5	16	30.5	-32.9
3	5	-16	86.6	86.4
3	5	17	30.2	23.0
3	5	-17	225.5	230.8
3	5	18	88.6	89.7
3	5	-18	105.4	106.8
3	5	19	154.0	157.6
3	5	-19	25.1	-29.4
3	5	20	54.9	49.5
3	5	-20	31.0	29.4
3	5	21	55.6	-55.7
3	5	-21	133.5	137.0
3	5	22	76.5	77.7
3	5	-22	159.4	162.9
3	5	23	22.3	26.2
3	5	-23*	1.2	-9.0
3	5	24	32.3	-31.0
3	5	-24	78.8	81.2
3	5	25	10.0	2.1
3	5	-25*	25.8	26.7
5	5	0	7.9	.7
5	5	-1	97.1	-97.1
5	5	2	16.7	8.7
5	5	-2	81.7	-83.2
5	5	3*	4.8	-9.0
5	5	-3	81.5	81.5
5	5	4*	10.7	-2.2
5	5	-4	46.9	46.0
5	5	5	39.8	-35.7
5	5	-5	47.2	-47.4
5	5	6*	3.9	3.0
5	5	-6	20.5	-24.0
5	5	7	30.0	-29.2
5	5	-7	20.9	-15.4
5	5	8*	13.0	10.9
5	5	-8*	11.2	-5.1
5	5	9*	11.0	-5.4
5	5	-9	23.0	19.3
5	5	10*	11.1	-16.1

H	K	L	FO	FC
5	5	-10*	1.4	4.9
5	5	11	36.0	-39.5
5	5	-11	45.7	48.7
5	5	12*	11.8	4.4
5	5	-12	36.9	37.4
5	5	13*	11.9	-9.5
5	5	-13*	10.6	-9.4
5	5	14	33.6	-34.1
5	5	-14*	12.6	-4.7
5	5	15	41.9	-43.5
5	5	-15	78.5	81.6
5	5	16*	6.7	-2
5	5	-16	34.0	34.4
5	5	17*	6.0	-7.7
5	5	-17	58.4	58.2
5	5	18*	12.2	4.1
5	5	-18*	1.2	-2.5
5	5	19	35.0	-33.7
5	5	-19	114.3	115.7
5	5	20*	15.7	7.9
5	5	-20	63.3	65.6
5	5	21*	1.2	-1.7
5	5	-21	17.0	5.5
5	5	22*	9.0	-6.9
5	5	-22	19.1	-16.3
5	5	23	127.9	126.4
5	5	-24	86.2	89.8
5	5	25	26.4	23.2
5	5	-26	29.9	22.2
7	5	0	17.6	-15.1
7	5	1	121.8	123.4
7	5	-1	175.0	-179.6
7	5	2	133.9	-134.4
7	5	-2	96.5	93.0
7	5	3	92.0	87.8
7	5	-3*	1.2	2.8
7	5	4	88.3	89.7
7	5	-4	50.2	52.4
7	5	5	78.6	-76.4
7	5	-5	57.5	55.7
7	5	6	99.9	95.7
7	5	-6	224.3	-226.8
7	5	7*	3.9	-2.8
7	5	-7	22.3	-15.6
7	5	8	113.5	-112.1
7	5	-8	30.7	31.6
7	5	9	204.5	207.5
7	5	-9	155.8	-155.4
7	5	10	96.7	-98.9
7	5	-10	112.8	108.7
7	5	11	17.2	12.7
7	5	-11*	10.4	-6.7
7	5	12	148.8	146.8
7	5	-12	120.5	-118.6
7	5	13*	3.6	15.5
7	5	-13	48.5	45.3
7	5	14	83.0	-81.3
7	5	-14	110.5	-111.0
7	5	15	58.2	53.3
7	5	-15	95.0	-90.7
7	5	16	89.2	-82.3
7	5	-16	127.4	125.4
7	5	17	159.5	162.3

H	K	L	FO	FC
7	5	-17	133.3	-131.6
7	5	18	22.1	-22.0
7	5	-18	32.8	30.2
7	5	19	59.5	-58.6
7	5	-19	41.7	43.6
7	5	20	60.3	62.3
7	5	-20	111.3	-108.8
7	5	21	40.9	-44.7
7	5	-22	27.2	-26.3
7	5	23	117.1	-115.7
7	5	-24	91.7	92.1
7	5	25	72.1	-74.0
7	5	-26	79.5	-78.3
7	5	27*	14.0	11.3
9	5	0	76.6	75.3
9	5	1	29.8	25.7
9	5	-1	150.6	153.9
9	5	2	123.2	125.0
9	5	-2	97.5	-94.8
9	5	3	29.6	-26.7
9	5	-3	327.0	-330.7
9	5	4	231.5	-235.5
9	5	-4	176.7	-177.7
9	5	5	207.6	-208.1
9	5	-5	210.5	213.0
9	5	6	59.7	63.0
9	5	-6	302.4	307.4
9	5	7	89.5	90.8
9	5	-7	75.0	70.2
9	5	8	91.9	90.1
9	5	-8	125.8	-130.2
9	5	9	82.4	-85.3
9	5	-9	35.6	-32.1
9	5	10	57.1	59.9
9	5	-10	102.8	-101.3
9	5	11	74.6	-70.3
9	5	-11	100.1	-100.7
9	5	12	109.2	-110.0
9	5	-12*	3.3	.2
9	5	13	144.4	-145.3
9	5	-13	280.4	277.7
9	5	14	159.5	162.3
9	5	-14	150.4	149.8
9	5	15	111.9	113.7
9	5	-15	55.9	-60.8
9	5	16	47.8	46.4
9	5	-16	147.6	-150.1
9	5	17	112.0	-114.1
9	5	-17*	10.9	-2.1
9	5	18*	1.2	8.3
9	5	-18*	1.2	1.8
9	5	19	35.8	-36.2
9	5	-20	61.9	54.2
9	5	21	158.1	161.3
9	5	-22	78.8	80.6
9	5	23	123.8	-123.2
9	5	-24	129.0	-128.3
9	5	25*	1.2	10.3
9	5	-26	59.2	59.8
9	5	27*	17.9	20.0
11	5	0	156.6	156.0
11	5	1	33.2	-31.7
11	5	-1	19.1	-15.7

H	K	L	FO	FC
11	5	2	166.0	163.6
11	5	-2	75.0	-81.1
11	5	4	97.6	98.3
11	5	-4	169.2	174.4
11	5	3	139.1	-136.7
11	5	-3	97.3	-96.4
11	5	4	97.6	98.3
11	5	-4	169.2	174.4
11	5	5	124.6	-122.6
11	5	-5	73.4	-76.7
11	5	6	122.7	120.2
11	5	-6	161.6	156.8
11	5	7	110.3	-110.1
11	5	-7	45.4	-37.8
11	5	8	149.9	148.8
11	5	-8	33.2	31.2
11	5	9	58.5	-57.0
11	5	-9	264.4	-266.8
11	5	10	82.4	81.3
11	5	-10	175.0	174.6
11	5	11	100.6	-102.4
11	5	-11	136.5	-134.1
11	5	12	29.7	26.3
11	5	-12	234.7	232.9
11	5	13*	7.7	8.4
11	5	-13	132.1	-131.2
11	5	14	35.5	29.5
11	5	-14	53.6	52.0
11	5	15*	12.9	-9.9
11	5	-15	92.7	-89.4
11	5	16	70.6	72.2
11	5	-16	60.7	62.8
11	5	-17	101.5	-100.3
11	5	-18	43.4	38.6
11	5	-19*	12.2	-10.2
11	5	-20	69.9	72.9
11	5	-21	49.1	-52.0
11	5	-22	73.1	-69.8
11	5	-23	47.9	-43.7
11	5	-24	55.0	55.4
11	5	-25	106.1	-106.0
11	5	-26	63.6	63.5
11	5	-27*	8.7	-9.3
13	5	0	51.3	52.3
13	5	1*	1.2	4.4
13	5	-1*	6.9	-6.0
13	5	2	90.0	-90.7
13	5	-2	31.2	29.3
13	5	3	71.3	-73.5
13	5	-3	84.7	85.0
13	5	4	25.4	-20.0
13	5	-4	92.4	-88.4
13	5	5	100.4	103.1
13	5	-5	102.3	-105.0
13	5	6	17.1	-22.9
13	5	-6	18.0	14.8
13	5	7*	14.8	-19.0
13	5	-7	23.1	-17.4
13	5	8	36.3	38.0
13	5	-8	149.9	152.8
13	5	9	84.1	-81.1
13	5	-9	79.3	75.3
13	5	10	105.6	-107.0

H	K	L	FO	FC
13	5	-10*	13.0	-18.0
13	5	11*	13.6	-7.2
13	5	-11	40.4	-37.8
13	5	12	33.4	-30.9
13	5	-12	17.6	10.8
13	5	13	29.3	32.1
13	5	-13	71.0	-71.6
13	5	14*	2.5	7.2
13	5	-14	69.3	62.1
13	5	15	40.7	43.1
13	5	-16	130.2	130.3
13	5	-17	24.8	-21.7
13	5	-18	34.6	-29.9
13	5	-19*	12.4	-2.2
13	5	-20*	11.3	1.5
13	5	-21	71.1	-71.0
13	5	-22	179.4	175.8
13	5	-23	23.8	23.5
13	5	-24	74.2	72.1
13	5	-25*	15.3	2.8
13	5	-26	25.6	-21.9
15	5	0*	1.2	1.7
15	5	1	50.3	-53.0
15	5	-1	94.1	95.2
15	5	2	27.7	28.4
15	5	-2	123.6	126.2
15	5	3	43.1	46.3
15	5	-3	124.1	-128.6
15	5	4	31.7	26.4
15	5	-4	102.9	-104.9
15	5	5	58.9	-66.0
15	5	-5	88.5	91.5
15	5	6	167.9	165.9
15	5	-6	25.3	31.0
15	5	7	132.7	134.7
15	5	-7*	1.3	-1.8
15	5	8*	13.2	.9
15	5	-8*	6.2	-4.0
15	5	9*	13.7	11.7
15	5	-9	78.3	82.0
15	5	10	57.6	60.7
15	5	-10	78.1	82.5
15	5	11	60.3	62.5
15	5	-11	118.3	-123.3
15	5	-12	120.7	-120.8
15	5	-13	110.9	110.0
15	5	-14	28.4	33.7
15	5	-15	45.7	-50.3
15	5	-16	28.5	-33.3
15	5	-17	35.6	36.7
15	5	-18	29.4	-26.6
15	5	-19	43.6	-46.9
15	5	-20	120.6	-123.4
15	5	-21	138.6	139.9
15	5	-22	44.8	44.2
15	5	-23*	13.3	-15.3
15	5	-24	48.4	-51.8
15	5	-25	64.3	71.4
17	5	0	127.6	125.3
17	5	1	150.8	148.1
17	5	-1	65.3	62.0
17	5	2	71.1	70.0
17	5	-2	50.4	50.5

H	K	L	FO	FC
17	5	3	105.2	101.3
17	5	-3	52.1	55.5
17	5	4	64.7	64.0
17	5	-4*	1.2	16.1
17	5	5	43.0	39.4
17	5	-5	51.9	49.4
17	5	6	84.0	80.3
17	5	-6	44.9	42.0
17	5	7	70.5	66.2
17	5	-7	128.3	131.8
17	5	8	77.8	77.3
17	5	-8	111.5	113.8
17	5	-9	39.4	34.1
17	5	-10	67.2	64.5
17	5	-11	90.9	94.1
17	5	-12	105.5	106.1
17	5	-13	141.5	137.0
17	5	-14	115.3	113.2
17	5	-15	150.7	150.4
17	5	-16	160.8	161.1
17	5	-17	27.0	22.2
17	5	-18	47.7	44.0
17	5	-19	58.9	59.3
17	5	-20	27.7	28.6
17	5	-21	64.4	60.4
17	5	-22	72.7	70.6
17	5	-23	38.6	40.3
17	5	-24	73.8	74.2
19	5	0	18.8	-14.9
19	5	1	34.5	-31.4
19	5	-1	71.4	-72.8
19	5	2	79.2	-77.1
19	5	-2	37.2	37.7
19	5	3*	13.0	-13.5
19	5	-3	32.9	33.6
19	5	4	41.6	44.9
19	5	-4	26.2	-19.2
19	5	-5	24.3	-26.0
19	5	-6	76.5	-77.6
19	5	-7	23.1	-21.2
19	5	-8	81.1	82.6
19	5	-9	21.6	-30.7
19	5	-10	23.5	14.3
19	5	-11	79.5	81.8
19	5	-12*	1.2	-15.2
19	5	-13	20.6	-19.2
19	5	-14	39.2	-36.6
19	5	-15*	1.2	-.5
19	5	-16	65.9	67.2
19	5	-17	40.8	34.6
19	5	-18*	10.7	-9.6
19	5	-19	43.0	44.2
19	5	-20	50.0	-48.6
19	5	-21	19.0	-20.3
19	5	-22	44.6	38.5
21	5	-2*	11.4	18.9
21	5	-3*	1.2	-11.8
21	5	-4	68.6	-70.4
21	5	-5	88.7	93.2
21	5	-6	46.2	47.2
21	5	-7	109.5	-110.9
21	5	-8	23.1	-23.0
21	5	-9	68.9	70.6

H	K	L	F0	FC
21	5-10		33.1	34.0
21	5-11		46.6	-51.2
21	5-12		60.4	-62.2
21	5-13*		1.2	4.7
21	5-14		83.6	88.5
21	5-15		99.9	-101.8
21	5-16		45.4	-49.0
21	5-17		38.3	39.3
21	5-18*		1.2	12.0
0	6 0		43.9	39.1
0	6 1		47.0	44.9
0	6 2		42.2	47.1
0	6 3		68.7	70.4
0	6 4		309.3	-313.4
0	6 5		222.5	-221.5
0	6 6		219.1	221.0
0	6 7		44.6	45.7
0	6 8		60.9	-63.7
0	6 9		51.6	-54.1
0	6 10		24.2	26.9
0	6 11		44.4	-39.8
0	6 12		108.4	-112.9
0	6 13		144.9	-144.6
0	6 14		225.2	229.8
0	6 15		32.1	35.4
0	6 16		22.6	-26.7
0	6 17		53.3	-55.0
0	6 18		20.5	23.4
0	6 19		61.3	-60.8
0	6 20*		1.2	1.8
0	6 21		70.3	-74.5
0	6 22		151.8	158.0
0	6 23		25.3	25.9
0	6 24		79.4	-78.7
2	6 0		37.5	41.9
2	6 1		92.6	-90.0
2	6 -1		78.3	-80.3
2	6 2		13.2	-18.3
2	6 -2		181.3	173.1
2	6 3		68.2	-65.5
2	6 -3		152.8	-146.9
2	6 4		147.4	144.2
2	6 -4		245.2	244.5
2	6 5		78.7	-75.6
2	6 -5		266.8	-267.4
2	6 6		165.0	157.9
2	6 -6		132.5	127.5
2	6 7		124.3	-123.4
2	6 -7		203.3	-198.2
2	6 8		87.7	85.3
2	6 -8		167.9	170.2
2	6 9		163.8	-157.2
2	6 -9		179.3	-178.2
2	6 10		165.0	163.2
2	6 -10		194.7	189.8
2	6 11		164.7	-168.9
2	6 -11		122.2	-121.4
2	6 12		225.9	226.5
2	6 -12		47.8	49.9
2	6 13		49.9	-48.1
2	6 -13		136.8	-134.7
2	6 14		98.4	95.7
2	6 -14		102.8	-108.4

H	K	L	F0	FC
2	6 15		52.6	-52.5
2	6-15		61.9	-58.7
2	6 16*		11.6	6.3
2	6-16		53.2	54.6
2	6 17		58.7	-57.7
2	6-17		61.2	-61.9
2	6 18		67.4	66.4
2	6-18*		1.2	-3.4
2	6 19		27.1	28.9
2	6-19		104.8	-107.3
2	6 20		93.4	95.3
2	6-20*		6.3	-11.7
2	6 21*		11.6	11.7
2	6-21		135.1	-138.5
2	6 22		21.8	-16.9
2	6-22		17.7	-24.5
2	6 23		53.7	-54.8
2	6-23		38.5	-36.3
2	6 24		97.3	99.8
2	6-25		95.1	-101.3
4	6 0		137.6	138.0
4	6 1		100.5	-99.8
4	6 -1		78.9	76.7
4	6 2		152.8	-158.0
4	6 -2		29.3	26.7
4	6 3		85.1	-82.6
4	6 -3		120.8	122.4
4	6 4*		11.6	-4.3
4	6 -4*		10.7	-3.3
4	6 5		128.0	127.3
4	6 -5		236.3	-238.9
4	6 6		113.9	109.1
4	6 -6		40.2	-43.5
4	6 7		47.5	48.2
4	6 -7		28.0	-24.9
4	6 8		43.1	-40.7
4	6 -8		134.7	135.0
4	6 9		119.7	-118.3
4	6 -9		129.8	126.4
4	6 10		161.5	-161.3
4	6 -10		114.4	110.6
4	6 11		35.9	-37.8
4	6 -11		98.0	-95.1
4	6 12		60.3	64.0
4	6 -12		45.1	-43.9
4	6 13		157.5	156.5
4	6 -13		165.2	-164.4
4	6 14		22.0	-24.0
4	6 -14		31.6	24.4
4	6 15		102.5	-103.0
4	6 -15		52.2	50.9
4	6 16		55.3	-50.4
4	6 -16		179.4	177.7
4	6 17		88.7	-87.4
4	6 -17		40.7	40.4
4	6 18		79.2	-82.9
4	6 -18*		14.4	3.1
4	6 19		44.1	36.4
4	6 -19		126.5	-125.4
4	6 20		124.7	126.1
4	6-20*		11.9	-8.4
4	6 21		51.7	52.4
4	6-21		95.6	-99.9

H	K	L	F0	FC
4	6-22		96.7	93.4
4	6-23		78.2	77.6
4	6-24		138.6	138.1
4	6-25		70.6	-69.4
6	6 0		246.7	-252.4
6	6 1		135.8	-138.3
6	6 -1		111.8	114.0
6	6 2		265.5	270.0
6	6 -2		124.4	124.9
6	6 3		62.3	66.2
6	6 -3		55.7	-56.4
6	6 4		12.5	-5.6
6	6 -4		144.8	-147.5
6	6 5*		6.9	3.8
6	6 -5		91.6	91.9
6	6 6*		11.8	-4.3
6	6 -6		256.7	258.7
6	6 7		34.0	-36.8
6	6 -7		141.8	-142.9
6	6 8		56.6	54.9
6	6 -8		255.7	-259.2
6	6 9		50.1	-51.7
6	6 -9		87.9	90.2
6	6 10		194.9	197.2
6	6 -10		34.7	40.5
6	6 11		92.9	93.6
6	6 -11		19.2	17.0
6	6 12		145.8	-148.6
6	6 -12		60.9	58.3
6	6 13		69.5	-72.1
6	6 -13		26.7	-28.9
6	6 14		124.4	127.8
6	6 -14		71.2	-71.0
6	6 15		50.3	51.5
6	6 -15		15.4	-1.9
6	6 16		80.0	-80.4
6	6 -16		234.5	-234.8
6	6 17		49.7	-48.5
6	6 -17		140.6	141.7
6	6 18		110.6	116.1
6	6 -18		139.4	146.0
6	6 19		36.0	36.2
6	6 -19		63.6	-65.3
6	6 20		64.7	-68.5
6	6 -20		158.0	-161.3
6	6 21		71.9	75.0
6	6 -22		49.2	51.0
6	6-23*		7.7	-6.6
6	6-24		87.5	-92.1
6	6-25		53.7	55.2
6	6-26		77.8	82.1
8	6 0		65.9	-61.4
8	6 1		24.3	-25.3
8	6 -1		27.3	-30.3
8	6 2*		10.5	.5
8	6 -2		56.5	-58.2
8	6 3*		1.2	-3.7
8	6 -3		112.3	114.4
8	6 4*		8.0	12.0
8	6 -4		143.6	147.2
8	6 5*		9.2	.9
8	6 -5		55.3	-54.0
8	6 6		88.6	-88.6

H	K	L	FO	FC
8	6	-6	60.7	-63.9
8	6	7	26.1	-29.3
8	6	-7*	10.6	-9.3
8	6	8	56.2	-56.1
8	6	-8	19.0	-15.2
8	6	9	46.8	-46.5
8	6	-9	51.6	49.4
8	6	10	39.8	38.4
8	6	-10	42.9	40.0
8	6	11*	8.0	-1.6
8	6	-11	24.3	21.7
8	6	12	22.5	12.6
8	6	-12	73.0	71.4
8	6	13	29.3	31.3
8	6	-13	21.3	-22.3
8	6	14	110.9	-110.7
8	6	-14*	13.0	-14.0
8	6	15	55.3	-55.0
8	6	-15	36.2	33.1
8	6	16	21.1	20.6
8	6	-16	44.6	43.3
8	6	17*	13.9	2.8
8	6	-17	36.5	33.3
8	6	18*	13.6	-14.8
8	6	-18	74.4	68.7
8	6	19	54.3	52.2
8	6	-20	106.4	105.4
8	6	21	52.4	-51.3
8	6	-22	69.1	-70.7
8	6	23	50.5	53.7
8	6	-24	85.6	89.8
8	6	25*	11.8	1.9
8	6	-26*	14.1	9.2
10	6	0*	1.2	8.5
10	6	1	62.6	63.3
10	6	-1	18.2	13.7
10	6	2*	12.0	-8.7
10	6	-2	49.5	46.5
10	6	3	27.7	-28.8
10	6	-3	29.8	33.8
10	6	4	127.9	127.0
10	6	-4	60.7	60.4
10	6	5	31.6	33.5
10	6	-5*	1.2	-4.3
10	6	6*	11.1	-2.0
10	6	-6	24.0	-24.1
10	6	7	44.3	36.2
10	6	-7	18.4	-19.6
10	6	8*	8.8	-5.4
10	6	-8	57.9	-53.3
10	6	9*	12.7	-1.8
10	6	-9	38.8	35.9
10	6	10	63.3	60.7
10	6	-10*	14.6	-23.6
10	6	11*	11.9	-2.5
10	6	-11	16.1	.2
10	6	12	158.2	159.4
10	6	-12	49.0	52.4
10	6	13	89.9	87.7
10	6	-13	33.7	-35.3
10	6	14*	9.1	-5.0
10	6	-14	57.9	-61.0
10	6	15	35.5	28.7

H	K	L	FO	FC
10	6	-15	56.3	58.9
10	6	16	72.3	76.0
10	6	-16	34.6	-31.9
10	6	17*	14.6	7.5
10	6	-18	70.4	67.1
10	6	19	18.7	-15.5
10	6	-20	16.6	14.3
10	6	21*	1.2	-4.1
10	6	-22	87.5	-87.4
10	6	23	20.3	18.1
10	6	-24*	10.9	-4.7
10	6	25*	14.7	2.9
10	6	-26	21.9	21.8
12	6	0	25.6	19.0
12	6	1	86.2	-89.4
12	6	-1	143.8	143.4
12	6	2	130.5	131.8
12	6	-2	185.3	188.6
12	6	3	195.4	196.7
12	6	-3	231.6	227.0
12	6	4	160.0	-160.0
12	6	-4*	1.2	-10.7
12	6	5	118.9	114.0
12	6	-5	157.4	157.1
12	6	6	128.8	130.5
12	6	-6	294.6	296.2
12	6	7	48.7	49.8
12	6	-7	24.2	-18.6
12	6	8	58.6	50.8
12	6	-8	145.9	143.2
12	6	9	45.3	43.4
12	6	-9	214.8	215.6
12	6	10	53.8	57.8
12	6	-10	146.6	149.4
12	6	11	205.1	204.6
12	6	-11	110.3	105.6
12	6	12	44.4	-46.0
12	6	-12	40.7	-45.0
12	6	13	69.4	68.4
12	6	-13	22.4	-16.6
12	6	14	144.0	147.3
12	6	-14	235.3	236.2
12	6	15	75.2	-73.7
12	6	-16	33.3	-36.9
12	6	17	202.7	202.3
12	6	-18	97.8	99.9
12	6	19*	16.2	14.2
12	6	-20	30.9	29.4
12	6	21*	1.2	5.5
12	6	-22	198.3	201.5
12	6	23	79.1	74.2
12	6	-24*	14.8	5.6
12	6	25	131.7	129.4
14	6	0	20.9	23.0
14	6	1	74.2	-68.7
14	6	-1	28.5	-28.1
14	6	2	96.4	91.5
14	6	-2	80.9	-83.8
14	6	3	23.1	-27.2
14	6	-3	53.7	53.7
14	6	4	27.8	-25.1
14	6	-4	20.5	21.0
14	6	5*	1.2	2.1

H	K	L	FO	FC
14	6	-5*	10.8	-13.1
14	6	6	41.0	-44.0
14	6	-6	29.2	23.4
14	6	7	85.6	-81.1
14	6	-7	52.6	-48.8
14	6	8	59.9	60.3
14	6	-8	27.6	-21.0
14	6	9	58.9	-57.5
14	6	-9	27.9	24.8
14	6	10	18.3	22.7
14	6	-10	104.5	-104.1
14	6	11*	9.3	-.8
14	6	-11	51.9	52.2
14	6	12	39.1	38.8
14	6	-13	56.4	-56.8
14	6	14	57.2	55.6
14	6	-15	19.9	21.6
14	6	16	64.7	-61.0
14	6	-17	84.5	81.0
14	6	18	47.7	-48.6
14	6	-19	61.4	61.3
14	6	20	123.3	123.7
14	6	-21*	15.7	2.7
14	6	22*	10.5	-8.7
14	6	-23	79.1	80.2
14	6	24	21.5	-14.3
14	6	-25	61.7	60.7
16	6	0	188.6	187.5
16	6	1	46.6	-42.5
16	6	-1	130.4	-130.8
16	6	2	33.9	32.7
16	6	-2	116.4	111.8
16	6	3	78.3	-79.9
16	6	-3	143.6	-141.3
16	6	4	46.0	46.5
16	6	-4	101.0	104.8
16	6	5	44.4	-41.0
16	6	-5	94.8	-95.8
16	6	6	84.6	81.0
16	6	-6	47.3	42.4
16	6	7	30.5	-30.8
16	6	-7	54.2	-50.0
16	6	8	96.3	98.9
16	6	-8	124.0	129.5
16	6	9	118.1	-119.5
16	6	-10	17.3	12.8
16	6	11	47.9	-47.8
16	6	-12*	1.2	6.7
16	6	13	86.4	-87.5
16	6	-14	31.7	27.2
16	6	15	85.2	-81.2
16	6	-16	120.5	120.0
16	6	17	137.4	-137.7
16	6	-18	49.6	46.2
16	6	19	122.6	-123.0
16	6	-20	31.4	27.1
16	6	21	67.2	-67.3
16	6	-22	66.7	59.4
16	6	23	79.0	-76.6
18	6	0	93.0	-94.7
18	6	1	60.5	-59.2
18	6	-1*	4.8	2.7
18	6	2	68.3	71.1

H	K	L	FO	FC
18	6	-2*	13.5	-1.2
18	6	3	26.7	27.6
18	6	-3*	1.2	-5.3
18	6	4	57.4	-63.1
18	6	-4*	9.9	-14.1
18	6	-5*	14.6	24.0
18	6	-6	81.7	85.0
18	6	-7	73.7	-74.0
18	6	-8	201.4	-203.5
18	6	-9	100.0	101.0
18	6	-10	182.3	186.5
18	6	-11	69.2	-71.5
18	6	-12	45.0	-49.8
18	6	-13*	1.2	5.8
18	6	-14	31.7	30.9
18	6	-15	29.0	-27.5
18	6	-16*	7.2	8.3
18	6	-17*	16.0	-5.2
18	6	-18	122.3	125.9
18	6	-19	66.7	-68.4
18	6	-20	30.8	-30.6
18	6	-21*	12.9	4.4
20	6	-1	21.1	19.0
20	6	-2	80.9	80.2
20	6	-3	101.5	99.3
20	6	-4	69.3	72.2
20	6	-5	61.2	-60.1
20	6	-6	69.6	-73.3
20	6	-7	50.2	-48.3
20	6	-8	40.1	45.1
20	6	-9	60.8	58.0
20	6	-10	42.1	41.1
20	6	-11	71.3	75.5
20	6	-12	20.7	-16.1
20	6	-13	91.8	-90.4
20	6	-14	113.1	-113.4
20	6	-15	18.8	7.9
20	6	-16	45.1	46.3
20	6	-17	95.6	93.0
20	6	-18	32.2	30.7
1	7	0*	8...	5.3
1	7	1	147.1	147.7
1	7	-1	65.3	63.5
1	7	2	12.9	-14.6
1	7	-2*	8.0	-11.4
1	7	3	88.4	-87.1
1	7	-3	132.8	-132.9
1	7	4	50.6	49.1
1	7	-4*	11.3	-10.7
1	7	5	158.3	-156.9
1	7	-5	28.7	-26.5
1	7	6	54.9	-55.5
1	7	-6	47.5	-49.9
1	7	7	194.7	197.5
1	7	-7	214.1	214.1
1	7	8	81.7	85.2
1	7	-8	23.7	24.9
1	7	9	19.4	12.4
1	7	-9	91.5	-93.9
1	7	10	34.8	-38.3
1	7	-10	61.4	-64.5
1	7	11	172.7	-173.7
1	7	-11	140.1	-138.6

H	K	L	FO	FC
1	7	12	71.8	74.7
1	7	-12	19.5	22.2
1	7	13	91.3	89.1
1	7	-13	150.9	151.9
1	7	14*	1.2	10.4
1	7	-14*	13.2	-5.2
1	7	15	65.4	63.9
1	7	-15*	7.7	13.0
1	7	16	46.3	49.8
1	7	-16*	15.1	1.6
1	7	17	58.4	-57.4
1	7	-17	87.9	-82.8
1	7	18*	9.0	8.4
1	7	-18	26.4	-28.3
1	7	19	31.6	-32.9
1	7	-19*	1.2	10.9
1	7	20	69.3	71.8
1	7	-20*	15.2	-10.9
1	7	21	31.6	32.2
1	7	-21	62.5	61.7
1	7	22	46.1	-48.0
1	7	-22	40.6	-36.6
1	7	-23*	1.2	7.8
3	7	0	255.7	-260.2
3	7	1	255.3	252.5
3	7	-1	75.5	-76.0
3	7	2	15.7	19.9
3	7	-2	338.9	343.6
3	7	3	46.1	-47.8
3	7	-3	234.3	-234.0
3	7	4	14.5	-18.5
3	7	-4	89.2	-93.7
3	7	5	131.4	-130.5
3	7	-5	181.9	182.6
3	7	6	119.2	121.8
3	7	-6	16.6	-11.3
3	7	7	152.7	153.2
3	7	-7	74.5	71.8
3	7	8	303.1	-308.5
3	7	-8*	8.1	-5.0
3	7	9	88.8	86.6
3	7	-9	135.7	-135.4
3	7	10	17.8	17.9
3	7	-10	288.5	288.0
3	7	11	102.2	-103.7
3	7	-11	17.1	13.5
3	7	12	62.9	-64.2
3	7	-12	138.5	-139.0
3	7	13	56.2	-56.1
3	7	-13	145.0	148.4
3	7	14	34.0	-23.4
3	7	-14	57.6	60.5
3	7	15	98.9	102.4
3	7	-15	15.3	-11.4
3	7	16	223.3	-225.1
3	7	-16	26.8	22.3
3	7	17*	9.5	-3.3
3	7	-17	111.2	-107.5
3	7	18	89.8	94.5
3	7	-18	153.0	156.5
3	7	19	76.4	-72.5
3	7	-19	47.4	45.9
3	7	20	61.0	-71.2

H	K	L	FO	FC
3	7	-20	158.6	-163.6
3	7	21	57.3	56.0
3	7	-21	72.6	72.5
3	7	22	100.8	107.1
3	7	-23	81.7	-76.5
3	7	-24	42.4	35.0
5	7	0	53.9	56.2
5	7	1*	1.2	8.8
5	7	-1	35.9	38.1
5	7	2	98.3	92.2
5	7	-2	167.8	-172.4
5	7	3*	12.7	5.4
5	7	-3*	10.9	-6.6
5	7	4	43.1	44.1
5	7	-4	97.3	98.7
5	7	5	45.1	50.4
5	7	-5*	3.8	5.5
5	7	6*	8.6	4.0
5	7	-6	33.9	26.5
5	7	7*	11.9	18.3
5	7	-7	34.9	28.9
5	7	8	118.2	120.5
5	7	-8	64.2	-60.1
5	7	9	23.5	18.2
5	7	-9	29.4	30.4
5	7	10	132.2	129.4
5	7	-10	57.7	-55.9
5	7	11	30.2	31.6
5	7	-11*	12.1	9.0
5	7	12	29.7	28.1
5	7	-12	33.2	36.7
5	7	13*	2.1	-.2
5	7	-13	18.6	12.2
5	7	14*	8.5	-.2
5	7	-14	45.5	-43.6
5	7	15	19.6	18.1
5	7	-15	30.3	29.1
5	7	16	163.7	166.6
5	7	-16	64.7	-58.1
5	7	17*	11.0	6.0
5	7	-17	17.9	.9
5	7	18	66.6	67.0
5	7	-18	101.0	-102.6
5	7	19*	15.0	11.8
5	7	-19*	1.2	-8.2
5	7	20	47.2	52.3
5	7	-20	109.2	113.0
5	7	21*	1.2	11.6
5	7	-22	69.2	-70.6
5	7	23	24.9	17.4
5	7	-24*	12.4	21.5
7	7	0	292.4	292.8
7	7	1	19.0	-13.8
7	7	-1	36.9	15.0
7	7	2	397.1	396.2
7	7	-2	138.8	127.4
7	7	3*	11.9	-9.9
7	7	-3*	1.2	-3.3
7	7	4	307.3	307.0
7	7	-4	291.5	298.5
7	7	5*	1.2	-1.3
7	7	-5	15.2	-16.4
7	7	6	158.3	152.0

H	K	L	FO	FC
7	7	-6	51.6	41.5
7	7	7*	1.2	3.4
7	7	-7	17.1	20.6
7	7	8	176.9	178.5
7	7	-8	94.2	90.3
7	7	9*	13.7	-11.2
7	7	-9*	8.6	-1.6
7	7	10	68.1	64.1
7	7	-10	203.7	202.3
7	7	11*	13.5	-16.0
7	7	-11*	1.2	-1.6
7	7	12	99.0	101.4
7	7	-12	269.4	269.0
7	7	13	21.4	20.0
7	7	-13*	8.4	9.2
7	7	14*	12.4	-6.8
7	7	-14	233.0	227.2
7	7	15*	10.3	-14.3
7	7	-15*	8.2	11.0
7	7	16	203.6	203.5
7	7	-16	207.2	207.3
7	7	17*	15.6	-14.9
7	7	-17*	9.3	6.0
7	7	18	76.9	73.9
7	7	-18	179.9	173.2
7	7	-19*	7.8	-3.7
7	7	-20	137.0	136.2
7	7	-21	18.7	18.2
7	7	-22*	16.6	-18.2
7	7	-23*	5.0	-1
7	7	-24	52.5	51.6
7	7	-25*	1.2	-4.2
9	7	0	155.3	-157.7
9	7	1	43.2	-44.2
9	7	-1	56.8	-55.0
9	7	2	49.9	55.1
9	7	-2	104.2	108.1
9	7	3	43.3	42.2
9	7	-3*	5.3	2.3
9	7	4	79.7	-83.6
9	7	-4	144.4	-147.8
9	7	5	48.2	-44.4
9	7	-5*	10.3	10.9
9	7	6	52.0	52.9
9	7	-6	122.7	127.1
9	7	7	38.0	-36.1
9	7	-7	68.4	-69.7
9	7	8	121.8	-122.4
9	7	-8	94.2	-98.9
9	7	9	40.3	41.3
9	7	-9*	1.2	.7
9	7	10	110.6	114.2
9	7	-10	146.5	148.5
9	7	11	19.0	-18.2
9	7	-11	23.2	28.9
9	7	12	89.0	-89.1
9	7	-12	32.4	-35.2
9	7	13	49.2	-51.2
9	7	-13	56.4	-55.3
9	7	14	56.6	58.2
9	7	-14	162.7	166.9
9	7	15	33.9	32.4
9	7	-15	35.6	-35.6

H	K	L	FO	FC
9	7	16	65.1	-71.1
9	7	-16*	11.0	-11.4
9	7	17	30.9	33.1
9	7	-18	164.2	165.8
9	7	19	50.5	-51.4
9	7	-20*	15.4	4.8
9	7	21	29.5	-26.9
9	7	-22	158.5	160.3
9	7	23	20.4	12.1
9	7	-24*	11.9	-3
9	7	25*	12.9	-16.7
11	7	0*	12.9	-10.0
11	7	1	28.0	-26.8
11	7	-1	95.4	-97.0
11	7	2	47.6	-47.8
11	7	-2	60.3	58.2
11	7	3	43.6	44.7
11	7	-3	71.0	72.5
11	7	4	104.2	106.8
11	7	-4	60.4	60.4
11	7	5	18.9	-17.3
11	7	-5	15.2	-20.3
11	7	6	18.2	15.8
11	7	-6	103.2	-106.9
11	7	7*	10.1	-12.3
11	7	-7	67.4	-67.5
11	7	8	45.5	-46.3
11	7	-8	32.2	-27.4
11	7	9*	11.5	13.0
11	7	-9	90.8	88.2
11	7	10*	15.0	14.2
11	7	-10	24.5	18.9
11	7	11	23.9	20.3
11	7	-11*	6.7	-3.6
11	7	12	109.8	107.7
11	7	-12*	10.5	8.1
11	7	13	40.3	-38.1
11	7	-13	44.2	-39.4
11	7	14*	3.3	.1
11	7	-14	149.9	-148.4
11	7	15*	14.3	7.1
11	7	-16	30.0	33.1
11	7	17	21.0	-18.0
11	7	-18	15.3	-16.9
11	7	19	30.6	-29.4
11	7	-20	86.7	-82.2
11	7	21	35.4	-31.9
11	7	-22	156.2	-154.8
11	7	23	30.9	27.3
11	7	-24*	1.2	3.6
13	7	0	79.6	78.0
13	7	1	56.5	54.6
13	7	-1*	.9	-6.5
13	7	2*	10.7	-11.6
13	7	-2	111.9	-113.2
13	7	3	18.2	14.7
13	7	-3	94.2	-94.7
13	7	4*	7.1	2.1
13	7	-4*	9.5	16.2
13	7	5	69.1	-65.9
13	7	-5	80.0	78.7
13	7	6	114.2	-114.9
13	7	-6	72.1	65.2

H	K	L	FO	FC
13	7	7*	1.2	-14.0
13	7	-7	48.3	48.0
13	7	8	38.1	39.9
13	7	-8	22.2	-10.9
13	7	9	89.6	88.2
13	7	-9	106.8	-107.0
13	7	10	22.2	-19.5
13	7	-10	71.4	-72.1
13	7	11	52.5	-50.9
13	7	-11	19.5	17.7
13	7	12	68.4	70.1
13	7	-13	43.0	43.1
13	7	-14	31.0	23.5
13	7	-15*	1.2	-4.3
13	7	-16*	13.6	4.6
13	7	-17	49.4	-43.7
13	7	-18	60.2	-62.7
13	7	-19*	13.5	-10.3
13	7	-20	88.0	90.6
13	7	-21	87.9	88.9
13	7	-22	20.1	20.4
13	7	-23	47.8	-47.5
13	7	-24	51.9	-51.3
15	7	0	60.8	-65.9
15	7	1	78.0	75.8
15	7	-1	106.9	-106.3
15	7	2	110.0	110.6
15	7	-2	106.8	110.2
15	7	3	86.5	86.6
15	7	-3	15.2	-16.8
15	7	4	20.6	-17.9
15	7	-4	90.5	-97.6
15	7	5	111.5	-105.8
15	7	-5	104.7	103.2
15	7	6	90.3	96.6
15	7	-6	106.5	109.6
15	7	7*	16.4	-10.4
15	7	-7	16.0	-6.3
15	7	8	49.4	-49.8
15	7	-8	98.5	-101.4
15	7	-9	105.5	-104.5
15	7	-10	69.8	75.0
15	7	-11	27.4	26.6
15	7	-12	70.5	-73.1
15	7	-13	131.8	131.0
15	7	-14	82.8	84.7
15	7	-15	87.7	-87.6
15	7	-16	119.5	-122.9
15	7	-17	51.5	-53.1
15	7	-18	41.4	44.8
15	7	-19	120.6	117.0
15	7	-20	68.1	-70.6
15	7	-21*	1.2	.8
15	7	-22	36.8	40.9
17	7	0*	15.3	-13.8
17	7	1*	15.6	12.8
17	7	-1	46.5	48.4
17	7	2	24.6	-27.7
17	7	-2	34.6	-35.6
17	7	3	67.7	-67.5
17	7	-3	27.6	-27.3
17	7	4	22.5	-27.4
17	7	-4*	1.2	7.3

H	K	L	FO	FC
17	7	-5	28.7	-26.9
17	7	-6	37.3	-41.1
17	7	-7	56.0	55.6
17	7	-8	47.5	52.5
17	7	-9	49.5	50.1
17	7	-10	26.2	-31.0
17	7	-11	56.8	-55.5
17	7	-12	39.2	40.6
17	7	-13*	1.2	-8.4
17	7	-14	18.9	20.5
17	7	-15	56.7	56.9
17	7	-16	55.4	58.0
17	7	-17	22.6	-21.3
17	7	-18	35.7	26.8
17	7	-19	37.1	-38.6
17	7	-20	62.5	64.4
17	7	-21	37.3	36.3
19	7	-1	83.8	83.3
19	7	-2	51.4	48.8
19	7	-3	70.2	-72.1
19	7	-4	123.0	122.4
19	7	-5*	12.2	-15.5
19	7	-6	51.2	-54.9
19	7	-7	122.4	121.6
19	7	-8*	10.0	-4.4
19	7	-9*	1.2	1.9
19	7	-10	17.3	13.0
19	7	-11	85.8	-85.4
19	7	-12	51.9	52.2
19	7	-13	44.9	41.2
19	7	-14	134.1	-134.4
19	7	-15	90.1	89.7
19	7	-16*	1.2	-5.5
19	7	-17	68.3	-66.0
0	8	0	48.1	46.4
0	8	1	35.6	-38.3
0	8	2	90.8	91.5
0	8	3	64.1	-63.6
0	8	4	183.9	-187.4
0	8	5	153.0	155.1
0	8	6	201.9	206.5
0	8	7	36.0	-40.3
0	8	8	72.3	-77.8
0	8	9	63.8	65.5
0	8	10	123.1	125.6
0	8	11	19.9	18.0
0	8	12	105.0	-108.8
0	8	13	151.1	152.6
0	8	14	204.2	209.3
0	8	15*	14.2	-13.3
0	8	16	37.6	30.1
0	8	17	45.9	49.8
0	8	18	50.6	55.2
0	8	19	56.6	56.8
0	8	20	18.2	6.2
0	8	21	58.4	63.2
2	8	0	103.5	108.4
2	8	1	132.4	133.1
2	8	-1	96.6	98.8
2	8	2	16.3	-22.6
2	8	-2	151.4	145.0
2	8	3	48.9	-48.8
2	8	-3	41.9	33.7

H	K	L	FO	FC
2	8	4	176.3	175.9
2	8	-4	109.8	109.0
2	8	5	36.8	33.0
2	8	-5	267.0	271.2
2	8	6	108.8	103.4
2	8	-6	107.8	103.4
2	8	7	140.9	141.4
2	8	-7	198.8	196.6
2	8	8	107.7	110.2
2	8	-8	226.6	225.6
2	8	9	115.6	111.0
2	8	-9	109.6	107.0
2	8	10	124.6	121.7
2	8	-10	69.7	64.6
2	8	11	92.9	93.2
2	8	-11	90.3	86.5
2	8	12	148.9	151.4
2	8	-12	76.1	79.1
2	8	13	56.2	56.4
2	8	-13	103.3	104.1
2	8	14	64.6	63.6
2	8	-14*	7.7	6.0
2	8	15	93.7	93.7
2	8	-15	41.4	39.6
2	8	16	55.6	60.6
2	8	-16	71.4	74.2
2	8	17	34.0	-32.7
2	8	-17	45.3	47.5
2	8	18	52.9	51.4
2	8	-18	78.9	-78.1
2	8	19	43.2	-42.0
2	8	-19	88.2	91.0
2	8	20	67.7	68.2
2	8	-20	46.7	49.6
2	8	21	134.3	129.5
2	8	-22*	12.8	18.5
4	8	0*	6.6	5.4
4	8	1*	9.7	-1.6
4	8	-1	22.7	-19.7
4	8	2	14.8	9.7
4	8	-2	22.6	-25.1
4	8	3	21.9	21.2
4	8	-3*	1.2	-2.9
4	8	4	21.5	-14.2
4	8	-4*	1.2	1.0
4	8	5	88.8	-90.3
4	8	-5	28.6	-24.7
4	8	6	108.5	-111.0
4	8	-6	40.5	33.5
4	8	7*	8.2	10.7
4	8	-7	22.0	19.4
4	8	8	36.5	37.0
4	8	-8	65.1	69.0
4	8	9*	1.2	10.0
4	8	-9*	11.1	5.4
4	8	10	25.6	-26.6
4	8	-10	54.4	-55.9
4	8	11	57.8	-57.9
4	8	-11	26.3	-28.1
4	8	12	74.4	-69.8
4	8	-12	35.9	36.5
4	8	13	16.8	-10.6
4	8	-13	36.4	35.7

H	K	L	FO	FC
4	8	14	78.6	-81.6
4	8	-14	90.6	89.1
4	8	15	49.4	49.8
4	8	-15	29.4	30.0
4	8	16	78.4	76.5
4	8	-16*	12.6	-5.9
4	8	17*	1.2	-5.4
4	8	-17*	12.1	5.7
4	8	18	57.0	-58.2
4	8	-18*	4.3	-12.0
4	8	19*	1.2	-2.1
4	8	-19*	12.9	13.5
4	8	20	100.8	99.7
4	8	-21	51.5	50.0
4	8	22	53.3	52.0
4	8	-23	39.2	38.8
6	8	0	126.8	-129.3
6	8	1	32.9	33.4
6	8	-1*	9.2	-7.9
6	8	2	117.7	120.3
6	8	-2	139.9	141.6
6	8	3	69.2	-70.8
6	8	-3	55.8	56.5
6	8	4	18.2	-18.0
6	8	-4	102.7	-104.6
6	8	5	72.9	76.5
6	8	-5	99.7	-103.3
6	8	6	61.3	63.2
6	8	-6	83.1	87.2
6	8	7	43.6	-41.6
6	8	-7	62.9	65.3
6	8	8	60.4	-65.8
6	8	-8	139.3	-141.2
6	8	9*	1.2	-8.1
6	8	-9	29.1	-30.5
6	8	10	158.9	160.2
6	8	-10	34.6	37.2
6	8	11	15.7	-14.0
6	8	-11	30.0	-30.6
6	8	12	80.0	-81.8
6	8	-12	132.7	-135.6
6	8	13	41.4	42.0
6	8	-13	52.5	-49.2
6	8	14	78.2	80.8
6	8	-14	17.7	15.3
6	8	15	60.2	-61.9
6	8	-15	50.8	52.7
6	8	16	29.1	-29.4
6	8	-16	144.7	-145.3
6	8	17	49.7	50.5
6	8	-17	91.0	-92.2
6	8	18	65.5	71.1
6	8	-18	31.0	35.8
6	8	19*	1.2	4.8
6	8	-20	90.7	-94.2
6	8	21	33.2	-34.1
6	8	-22	43.6	47.3
6	8	23*	1.2	-5.0
8	8	0	173.8	175.4
8	8	1	96.1	-96.6
8	8	-1	50.7	50.7
8	8	2	170.7	-171.0
8	8	-2	30.3	27.3

H	K	L	FO	FC
8	8	3*	11.8	3.2
8	8	-3	102.5	100.8
8	8	4	156.5	-153.0
8	8	-4	252.3	-246.8
8	8	5	105.8	101.4
8	8	-5	78.5	-75.4
8	8	6	124.5	120.9
8	8	-6*	13.2	9.1
8	8	7*	4.9	-5.5
8	8	-7	70.0	-70.1
8	8	8	83.7	85.9
8	8	-8	242.1	242.1
8	8	9	69.2	-68.6
8	8	-9	93.7	92.6
8	8	10	206.3	-205.0
8	8	-10	87.3	-89.3
8	8	11	67.8	67.5
8	8	-11*	1.2	-2.7
8	8	12	60.7	-59.2
8	8	-12	117.3	-110.1
8	8	13	87.9	83.9
8	8	-13	98.1	-91.5
8	8	14	133.9	131.1
8	8	-14	146.0	142.6
8	8	15	41.2	-40.0
8	8	-15	21.4	-24.3
8	8	16	92.9	-90.4
8	8	-16	179.2	180.7
8	8	17	86.5	86.0
8	8	-18	164.8	-163.7
8	8	19	32.0	-31.0
8	8	-20*	11.3	6.5
8	8	21	74.1	-71.5
8	8	-22	169.9	163.0
8	8	23	48.1	45.4
10	8	0	46.3	49.1
10	8	1	48.5	-51.3
10	8	-1	28.2	27.8
10	8	2*	6.5	5.6
10	8	-2	34.1	-37.3
10	8	3	28.6	27.2
10	8	-3	15.3	15.6
10	8	4*	11.9	12.6
10	8	-4*	11.5	12.0
10	8	5*	4.6	.4
10	8	-5	14.5	15.8
10	8	6	17.0	-25.1
10	8	-6*	13.1	-15.9
10	8	7*	12.0	-7.9
10	8	-7*	14.1	8.8
10	8	8	119.3	120.3
10	8	-8	30.2	31.2
10	8	9*	14.2	-10.1
10	8	-9	27.7	27.8
10	8	10	25.3	-26.5
10	8	-10	82.3	-84.3
10	8	11*	11.6	6.0
10	8	-11	36.4	31.6
10	8	12	73.4	76.1
10	8	-12*	10.5	12.5
10	8	13	33.5	-35.6
10	8	-13	29.3	-29.6
10	8	14	57.5	51.3

H	K	L	FO	FC
10	8	-14*	13.8	-13.5
10	8	-15*	7.2	-6.1
10	8	-16*	1.2	-7.7
10	8	-17	49.4	49.9
10	8	-18	41.9	-39.9
10	8	-19	32.8	-33.1
10	8	-20*	8.7	7.2
10	8	-21	26.4	25.2
10	8	-22*	11.0	-11.3
10	8	-23	20.3	23.2
12	8	0	67.9	-74.0
12	8	1	20.4	23.0
12	8	-1	156.6	-155.3
12	8	2	108.3	110.9
12	8	-2	264.9	267.0
12	8	3	100.7	-103.2
12	8	-3	105.6	-103.7
12	8	4	25.1	-32.1
12	8	-4	78.6	75.3
12	8	5	44.8	-41.8
12	8	-5	110.7	-108.7
12	8	6	153.2	156.5
12	8	-6	120.9	121.3
12	8	7	139.2	-139.6
12	8	-7	100.8	-98.8
12	8	8	83.5	-85.6
12	8	-8	77.7	73.3
12	8	9	60.4	-56.1
12	8	-9	172.2	-172.4
12	8	10	90.4	92.2
12	8	-10	274.6	275.0
12	8	11	122.0	-121.7
12	8	-11	18.6	12.0
12	8	-12	67.5	-71.4
12	8	-13	34.2	-37.5
12	8	-14	130.7	134.2
12	8	-15	20.9	13.9
12	8	-16	23.1	16.8
12	8	-17	91.5	-92.8
12	8	-18	199.0	201.6
12	8	-19	47.5	43.8
12	8	-20	51.6	-53.7
12	8	-21	75.8	-79.3
12	8	-22	115.2	118.6
14	8	0	63.3	62.5
14	8	1	72.3	72.8
14	8	-1	19.7	-22.0
14	8	2*	9.1	-0.0
14	8	-2	24.0	17.6
14	8	3	67.7	66.5
14	8	-3*	1.2	.6
14	8	4	70.8	68.9
14	8	-4	22.6	22.6
14	8	5*	1.2	-11.8
14	8	-5*	7.8	13.0
14	8	6	38.7	36.7
14	8	-6	20.4	-23.2
14	8	7	79.4	77.6
14	8	-7	16.9	-16.3
14	8	8*	16.5	21.2
14	8	-8	48.2	50.2
14	8	-9	17.0	-16.8
14	8	-10*	6.4	-10.2

H	K	L	FO	FC
14	8	-11	36.0	-33.9
14	8	-12	23.8	24.4
14	8	-13	46.0	46.9
14	8	-14	22.3	18.7
14	8	-15	44.7	-47.9
14	8	-16	57.6	62.1
14	8	-17	57.2	-55.6
14	8	-18	25.5	-30.0
14	8	-19	28.0	-26.8
14	8	-20	74.5	77.4
14	8	-21	52.2	-51.2
16	8	0	143.9	143.3
16	8	1	33.0	31.0
16	8	-1	124.2	124.0
16	8	2*	14.8	-17.8
16	8	-2	154.3	151.8
16	8	3	59.7	62.4
16	8	-3	113.1	111.8
16	8	4	99.5	100.9
16	8	-4	46.0	52.7
16	8	-5	101.3	100.3
16	8	-6	33.1	34.8
16	8	-7	20.3	23.7
16	8	-8	174.7	176.8
16	8	-9	58.2	57.7
16	8	-10	28.9	23.3
16	8	-11	98.7	95.6
16	8	-12*	10.1	-11.6
16	8	-13	31.5	34.0
16	8	-14	65.8	61.9
16	8	-15	77.5	77.3
16	8	-16	114.0	112.6
16	8	-17	161.9	161.5
16	8	-18	17.5	3.7
16	8	-19	95.2	94.4
18	8	-1	19.9	-21.0
18	8	-2	46.9	49.3
18	8	-3	29.5	31.7
18	8	-4	85.1	-90.0
18	8	-5	75.8	-77.9
18	8	-6	19.0	23.2
18	8	-7	25.4	27.0
18	8	-8	65.6	-70.8
18	8	-9	29.2	-30.8
18	8	-10	73.9	77.5
18	8	-11*	7.4	10.5
18	8	-12	92.3	-100.1
18	8	-13	30.1	-32.4
18	8	-14	107.5	109.3
18	8	-15	3.0	46.0
18	8	-16	32.9	-34.1
1	9	0	43.0	-42.7
1	9	1	98.4	-101.7
1	9	-1	19.3	-15.4
1	9	2	95.9	94.7
1	9	-2	145.2	-148.1
1	9	3	93.4	96.1
1	9	-3	101.5	98.0
1	9	4	23.2	-16.9
1	9	-4	31.2	31.9
1	9	5	21.8	22.2
1	9	-5	58.3	-54.6
1	9	6	79.6	-77.6

H	K	L	FO	FC
1	9	-6*	10.4	-.7
1	9	7*	1.2	-.1
1	9	-7	78.7	-79.2
1	9	8	102.8	104.2
1	9	-8	68.3	-66.9
1	9	9	67.6	-71.8
1	9	-9	70.1	71.1
1	9	10	46.9	45.1
1	9	-10	102.7	-102.5
1	9	11	106.3	108.8
1	9	-11	22.1	-24.4
1	9	12	31.6	33.7
1	9	-12	57.5	58.0
1	9	13	16.4	-19.3
1	9	-13*	12.4	-.6
1	9	14	31.7	-31.8
1	9	-14*	11.5	-8.7
1	9	15	92.3	-89.7
1	9	-15	52.6	-54.3
1	9	16	124.4	124.6
1	9	-16	143.0	-140.4
1	9	17*	2.8	-1.2
1	9	-17	26.3	26.0
1	9	18	64.0	62.1
1	9	-18	34.4	-34.9
1	9	19	38.6	37.6
1	9	-19	18.5	7.2
1	9	-20	25.3	22.3
3	9	0	22.6	-23.6
3	9	1	172.7	-168.6
3	9	-1	253.5	-253.2
3	9	2	236.3	237.8
3	9	-2	213.7	215.2
3	9	3	128.1	-130.7
3	9	-3	20.1	22.7
3	9	4	80.3	73.4
3	9	-4	205.3	203.1
3	9	5	78.9	82.3
3	9	-5	181.3	-182.5
3	9	6	44.3	44.8
3	9	-6	133.3	135.3
3	9	7	250.8	-255.3
3	9	-7	100.2	-95.8
3	9	8	105.4	-106.1
3	9	-8	104.0	-109.2
3	9	9	16.2	-8.7
3	9	-9	74.7	-76.5
3	9	10	184.8	185.3
3	9	-10	211.7	213.4
3	9	11	65.2	-66.2
3	9	-11	138.9	142.7
3	9	12	28.7	22.6
3	9	-12	52.3	44.7
3	9	13	55.5	-51.9
3	9	-13	201.8	-202.8
3	9	14	51.2	51.7
3	9	-14	42.9	49.6
3	9	15	190.7	-192.3
3	9	-15	24.4	-16.0
3	9	16	49.9	44.4
3	9	-16*	1.2	4.1
3	9	17*	1.2	-7.7
3	9	-17	47.0	-51.3

H	K	L	FO	FC
3	9	18	161.1	162.6
3	9	-18	214.5	217.9
3	9	19	20.5	-16.7
3	9	-20	23.4	22.3
3	9	-21	132.7	-136.3
5	9	0	43.1	-43.6
5	9	1*	12.1	-14.1
5	9	-1	83.6	85.3
5	9	2	99.7	97.9
5	9	-2	16.4	-24.0
5	9	3	16.7	11.6
5	9	-3	60.5	-63.1
5	9	4	36.8	38.1
5	9	-4	109.9	109.9
5	9	5	23.4	-21.1
5	9	-5	71.6	-67.3
5	9	6	71.9	-74.4
5	9	-6	22.6	-17.4
5	9	7	51.7	53.4
5	9	-7	45.2	42.0
5	9	8	39.6	42.9
5	9	-8*	12.3	14.4
5	9	9	20.9	13.3
5	9	-9*	1.2	-4.5
5	9	10	47.0	45.4
5	9	-10	15.7	-4.2
5	9	11	42.8	-39.5
5	9	-11	128.0	-128.2
5	9	12*	1.4	-2.5
5	9	-12	77.5	80.3
5	9	13*	1.2	7.7
5	9	-13	16.9	20.7
5	9	14	59.3	-59.4
5	9	-14	19.5	11.2
5	9	15	67.0	66.1
5	9	-15	33.6	-34.3
5	9	16	52.2	56.5
5	9	-16*	12.4	14.7
5	9	17*	17.2	-18.8
5	9	-17	54.2	-50.8
5	9	18	37.4	35.3
5	9	-18	142.4	-142.8
5	9	19	82.7	81.0
5	9	-19*	13.7	3.3
7	9	0	32.8	32.2
7	9	1	28.8	-30.2
7	9	-1*	1.2	6.7
7	9	2	65.4	-66.7
7	9	-2*	5.5	-.8
7	9	3*	14.6	-19.6
7	9	-3	24.5	-26.9
7	9	4	29.8	30.9
7	9	-4	31.3	35.8
7	9	5*	1.2	-.7
7	9	-5	31.7	32.8
7	9	6*	12.4	5.9
7	9	-6*	12.1	3.4
7	9	7*	14.4	14.4
7	9	-7	18.8	-21.3
7	9	8*	13.7	21.1
7	9	-8*	14.6	14.5
7	9	9	116.8	-118.9
7	9	-9	88.5	91.2

H	K	L	FO	FC
7	9	10*	1.2	-2.7
7	9	-10	19.6	14.6
7	9	11	28.1	27.6
7	9	-11	26.9	24.3
7	9	12	36.6	41.3
7	9	-12	26.5	-23.2
7	9	13	88.3	-87.0
7	9	-13	45.4	46.3
7	9	14*	7.8	-19.4
7	9	-14	41.2	-45.1
7	9	15	65.7	-60.8
7	9	-15	44.9	40.6
7	9	16	25.8	30.1
7	9	-16	31.5	28.6
7	9	17	16.3	-15.3
7	9	-17	29.1	25.6
7	9	18	31.1	32.1
7	9	-18	42.5	45.1
7	9	19	13.6	7.0
9	9	0	32.1	-33.2
9	9	1	61.7	64.9
9	9	-1*	10.2	-7.4
9	9	2	93.9	96.5
9	9	-2	32.3	32.0
9	9	3	77.8	-81.9
9	9	-3	60.7	64.8
9	9	4	95.3	-97.8
9	9	-4	44.9	-42.3
9	9	5	164.3	168.5
9	9	-5	57.7	-59.0
9	9	6	83.1	85.4
9	9	-6	95.6	95.4
9	9	7*	14.4	-22.5
9	9	-7	71.2	75.4
9	9	8*	1.2	3.5
9	9	-8	45.2	-48.6
9	9	9	97.9	99.5
9	9	-9	78.7	-79.4
9	9	10	95.2	96.1
9	9	-10	59.2	60.5
9	9	11	32.3	27.1
9	9	-11	80.7	83.1
9	9	12*	17.6	-17.8
9	9	-12	83.2	-85.3
9	9	13	121.3	122.6
9	9	-13	135.8	-139.1
9	9	14	93.5	96.3
9	9	-14	48.2	48.3
9	9	15	53.0	-53.1
9	9	-15	39.5	-42.9
9	9	16	29.7	32.3
9	9	-16	27.2	29.3
9	9	17	1.2	-16.6
9	9	-17	53.9	-55.9
11	9	0	61.8	63.8
11	9	1	76.3	75.1
11	9	-1	17.7	-3.9
11	9	2	21.7	19.3
11	9	-2	84.5	82.0
11	9	3	139.9	141.5
11	9	-3	45.2	40.2
11	9	4	181.8	180.9
11	9	-4	79.0	80.5

H	K	L	F0	FC
11	9	5*	7.9	2.4
11	9	-5	118.3	119.8
11	9	6	104.6	106.7
11	9	-6	35.3	35.2
11	9	7	101.5	102.8
11	9	-7	99.2	96.7
11	9	8	20.9	22.3
11	9	-8	103.1	104.2
11	9	9	75.6	71.1
11	9	-9	73.4	74.4
11	9	10	94.5	89.8
11	9	-10	152.2	152.6
11	9	-11	98.9	93.4
11	9	-12	116.3	115.9
11	9	-13	244.0	242.2
11	9	-14	34.4	36.8
11	9	-15	24.4	-27.3
11	9	-16	105.4	108.2
11	9	-17	42.9	47.1
11	9	-18	19.1	-4
11	9	-19	129.4	127.3
11	9	-20	30.9	34.4
11	9	-21	35.8	37.2
13	9	0	31.6	-30.7
13	9	1	81.8	-83.4
13	9	-1	97.1	94.6
13	9	2	22.0	-25.9
13	9	-2	54.7	-57.5
13	9	3	40.3	-34.4
13	9	-3	56.1	-60.0
13	9	4	16.8	5.5
13	9	-4	41.4	40.3
13	9	5	39.3	35.9
13	9	-5	46.8	-42.4
13	9	6	127.6	-123.4
13	9	-6	31.0	32.0
13	9	7	46.3	48.6
13	9	-7	22.6	24.1
13	9	-8	42.1	-39.7
13	9	-9	32.7	32.7
13	9	-10	33.6	-37.5
13	9	-11	24.1	-21.8
13	9	-12	106.6	107.6
13	9	-13*	10.0	-10.0
13	9	-14	31.9	-31.7
13	9	-15*	1.2	-3.4
13	9	-16	32.4	-28.8
13	9	-17	43.6	42.8
13	9	-18	69.8	70.2
13	9	-19	58.4	-55.5
13	9	-20	73.3	75.6
15	9	0	135.5	-140.9
15	9	1	22.3	24.4
15	9	-1	25.4	20.8
15	9	2	70.6	70.7
15	9	-2	84.6	90.6
15	9	3	123.2	-125.2
15	9	-3	70.1	74.6
15	9	4	60.7	55.8
15	9	-4	31.3	30.1
15	9	-5	128.1	-131.5
15	9	-6	28.5	-24.6
15	9	-7	77.5	82.5

H	K	L	F0	FC
15	9	-8	119.5	-120.8
15	9	-9	28.7	23.9
15	9	-10	123.6	123.9
15	9	-11*	15.5	-2.9
15	9	-12	60.8	-65.1
15	9	-13	101.5	-101.6
15	9	-14	96.5	-90.1
15	9	-15	116.6	117.6
15	9	-16	88.2	-89.3
15	9	-17	68.6	-66.6
15	9	-18	87.0	88.9
17	9	-2	20.9	24.9
17	9	-3	45.1	-47.0
17	9	-4*	12.7	10.4
17	9	-5*	7.4	-15.6
17	9	-6	85.8	85.0
17	9	-7	123.1	-126.5
17	9	-8	73.2	72.0
17	9	-9	56.7	-56.4
17	9	-10*	1.2	5.8
17	9	-11	46.2	-51.5
17	9	-12	123.9	128.9
17	9	-13	108.5	-105.8
17	9	-14	107.5	105.5
0	10	0*	10.6	4.8
0	10	1	43.4	44.0
0	10	2	23.6	25.2
0	10	3	112.3	-113.9
0	10	4	56.8	-58.6
0	10	5	168.0	170.7
0	10	6	45.2	47.9
0	10	7	70.4	-77.6
0	10	8	25.9	21.8
0	10	9	65.8	70.3
0	10	10*	9.7	-7.1
0	10	11	36.3	-37.5
0	10	12	25.6	-26.4
0	10	13	137.3	141.3
0	10	14	50.3	49.9
0	10	15	71.5	-80.5
0	10	16*	1.5	-18.8
0	10	17	56.4	58.3
0	10	18	17.7	4.8
2	10	0	14.4	7.8
2	10	1*	1.2	-14.2
2	10	-1	25.7	-21.5
2	10	2	27.8	25.4
2	10	-2	34.3	-35.1
2	10	3	71.1	73.3
2	10	-3*	12.3	-1.2
2	10	4*	9.6	7.2
2	10	-4	64.3	66.7
2	10	5	43.7	-44.4
2	10	-5	84.9	87.2
2	10	6	34.8	-36.5
2	10	-6	20.1	15.3
2	10	7	105.6	-103.7
2	10	-7	30.0	-32.3
2	10	8	37.0	-31.2
2	10	-8	52.4	-48.3
2	10	9*	1.2	4.3
2	10	-9	42.1	-32.5
2	10	10*	13.0	11.6

H	K	L	F0	FC
2	10	-10	25.2	21.0
2	10	11	25.5	29.8
2	10	-11	63.6	58.9
2	10	12*	8.8	-10.1
2	10	-12	63.3	65.4
2	10	13	92.7	-95.2
2	10	-13	111.7	113.4
2	10	14	20.8	-23.1
2	10	-14	26.4	-25.9
2	10	15	23.7	-21.7
2	10	-15	40.4	-40.6
2	10	16*	16.1	18.7
2	10	-16*	1.2	.6
2	10	17	42.0	35.7
2	10	-17	73.1	75.4
2	10	18	34.9	36.5
2	10	-18	67.3	65.9
4	10	0	138.1	137.3
4	10	1*	4.4	-2.4
4	10	-1	38.4	-38.0
4	10	2	71.9	-73.7
4	10	-2	37.7	35.0
4	10	3	122.8	123.2
4	10	-3	35.1	33.4
4	10	4	16.9	13.1
4	10	-4	118.8	-115.5
4	10	5	19.3	-21.2
4	10	-5	70.8	72.9
4	10	6	55.5	51.3
4	10	-6	30.9	29.8
4	10	7	40.6	47.2
4	10	-7	79.7	-80.1
4	10	8	52.0	52.4
4	10	-8	54.6	51.7
4	10	9	28.3	26.3
4	10	-9*	8.7	-4.5
4	10	10	79.4	-79.3
4	10	-10	15.8	-18.2
4	10	11	148.3	148.7
4	10	-11*	15.8	17.1
4	10	12	32.4	-26.6
4	10	-12	16.4	-17.7
4	10	13	24.0	24.6
4	10	-13	43.2	42.1
4	10	14	96.0	94.3
4	10	-14	16.4	9.7
4	10	15	72.9	79.1
4	10	-15	92.8	-97.2
4	10	16*	8.5	-2.8
4	10	-16	124.5	123.0
4	10	17*	1.2	-6.6
4	10	-17	60.6	-56.5
4	10	18	47.9	48.2
6	10	0	102.9	101.8
6	10	1	269.6	270.4
6	10	-1	67.9	63.1
6	10	2	111.9	113.2
6	10	-2	117.5	118.8
6	10	3	79.9	-85.0
6	10	-3	150.0	152.7
6	10	4*	13.8	10.5
6	10	-4	100.2	99.5
6	10	5	98.1	101.1

H	K	L	FO	FC
6	10	-5	66.6	61.3
6	10	6	93.5	97.8
6	10	-6	135.4	138.3
6	10	7*	16.0	-25.7
6	10	-7	286.1	290.3
6	10	8	35.7	31.3
6	10	-8	15.4	13.2
6	10	9	147.1	147.3
6	10	-9	49.7	-56.5
6	10	10	105.3	107.8
6	10	-10	35.6	40.2
6	10	11	95.8	-99.1
6	10	-11	120.9	125.1
6	10	12	94.7	91.6
6	10	-12*	1.2	8.5
6	10	13	95.0	97.4
6	10	-13*	16.6	9.6
6	10	14	110.6	108.0
6	10	-14	77.0	75.6
6	10	-15	195.7	197.8
6	10	-16*	6.7	.9
6	10	-17	55.8	-58.2
6	10	-18	94.6	95.9
6	10	-19	124.8	128.4
6	10	-20	77.2	74.6
8	10	0*	12.6	9.5
8	10	1*	3.5	-19.1
8	10	-1	87.1	-84.3
8	10	2	103.7	100.2
8	10	-2	29.6	28.7
8	10	3	41.7	-40.3
8	10	-3	143.4	-146.6
8	10	4	72.9	70.9
8	10	-4	78.4	81.1
8	10	5	224.7	-226.1
8	10	-5	45.5	-41.2
8	10	6	48.2	46.2
8	10	-6	84.2	84.3
8	10	7	66.8	-62.4
8	10	-7	79.8	-81.4
8	10	8	134.1	133.6
8	10	-8	102.3	104.6
8	10	9	52.7	-55.9
8	10	-9	171.0	-167.5
8	10	10	29.2	29.7
8	10	-10	67.3	66.9
3	10	11	132.5	-132.4
8	10	-11	174.3	-174.8
8	10	12	44.2	49.6
8	10	-12	185.2	184.7
8	10	-13	60.9	64.2
8	10	-14	43.9	38.9
8	10	-15	95.5	-96.3
8	10	-16	21.6	25.2
8	10	-17	41.4	-41.1
8	10	-18	120.8	121.3
8	10	-19	23.2	19.0
10	10	0*	12.6	-11.4
10	10	1	63.6	59.6
10	10	-1	80.9	-77.7
10	10	2*	3.4	3.7
10	10	-2*	1.2	-1.8
10	10	3	88.0	88.7

H	K	L	FO	FC
10	10	-3	60.6	-63.9
10	10	4	45.0	41.7
10	10	-4	33.1	35.2
10	10	5	84.0	-84.8
10	10	-5	102.0	106.7
10	10	6	26.6	-18.4
10	10	-6	19.9	-23.2
10	10	7	21.9	18.1
10	10	-7	84.5	-87.5
10	10	8*	10.9	-5.2
10	10	-8*	7.7	-6.6
10	10	9	60.8	59.1
10	10	-9	122.4	-118.2
10	10	-10*	14.0	17.1
10	10	-11*	14.9	-10.6
10	10	-12*	7.1	17.1
10	10	-13	16.3	7.2
10	10	-14*	12.0	2.1
10	10	-15	114.7	-114.4
10	10	-16*	2.8	12.1
10	10	-17	79.3	-75.6
10	10	-18*	15.6	21.0
10	10	-19*	13.2	-10.1
12	10	0	70.3	66.8
12	10	1	50.0	52.9
12	10	-1	41.4	-46.1
12	10	2	48.1	-48.2
12	10	-2	65.0	66.4
12	10	3	161.8	-164.1
12	10	-3	39.7	44.7
12	10	4	51.4	-51.4
12	10	-4	156.3	-157.5
12	10	5	42.2	44.6
12	10	-5	99.1	-102.0
12	10	6	99.8	99.3
12	10	-6	34.9	33.4
12	10	-7	127.7	129.5
12	10	-8	97.6	95.5
12	10	-9	58.5	-61.3
12	10	-10	41.9	-37.8
12	10	-11	37.9	41.9
12	10	-12	75.3	-75.5
12	10	-13	60.6	-67.1
12	10	-14	95.9	94.8
12	10	-15	135.4	141.2
12	10	-16*	1.2	2.6
12	10	-17	54.3	-55.8
12	10	-18	82.5	-80.7
14	10	0*	1.2	-10.9
14	10	1	61.5	57.7
14	10	-1	108.0	109.8
14	10	2	58.4	53.5
14	10	-2	32.1	-31.4
14	10	-3	70.6	-72.3
14	10	-4	62.1	64.3
14	10	-5	29.3	-20.9
14	10	-6*	1.2	-3.7
14	10	-7	98.8	95.3
14	10	-8	21.2	-24.0
14	10	-9	25.2	25.3
14	10	-10*	15.5	4.1
14	10	-11	128.9	-135.6
14	10	-12	26.4	26.5

H	K	L	FO	FC
14	10	-13	55.0	55.2
14	10	-14*	13.7	-18.4
14	10	-15	59.4	54.9
14	10	-16*	7.0	-7.8
16	10	-4	54.5	57.1
16	10	-5*	3.4	-3.2
16	10	-6	60.6	-60.4
16	10	-7	20.2	-24.5
16	10	-8*	15.6	10.5
16	10	-9	42.8	48.6
16	10	-10	79.9	78.8
16	10	-11	18.9	14.0
1	11	0	71.5	67.5
1	11	1	41.8	37.8
1	11	-1	121.4	125.6
1	11	2	99.8	100.9
1	11	-2	88.5	88.7
1	11	3	95.1	96.0
1	11	-3	20.1	18.1
1	11	4	133.4	132.3
1	11	-4	63.8	63.5
1	11	5	106.4	101.6
1	11	-5*	1.2	6.5
1	11	6	123.3	126.1
1	11	-6	91.1	92.1
1	11	7	168.9	172.5
1	11	-7	20.7	18.0
1	11	8	73.4	72.7
1	11	-8	119.4	116.9
1	11	9	24.5	22.4
1	11	-9	117.5	119.7
1	11	10	64.8	64.9
1	11	-10	148.0	148.2
1	11	11	36.5	42.9
1	11	-11	36.2	34.9
1	11	12	44.9	44.9
1	11	-12	142.4	140.5
1	11	13	71.6	65.2
1	11	-13*	1.2	10.1
1	11	14*	8.5	16.3
1	11	-14	112.8	112.1
1	11	15	88.2	87.8
1	11	-15	57.4	53.0
1	11	-16	98.1	99.1
3	11	0	87.6	85.8
3	11	1	67.4	71.2
3	11	-1	102.9	-107.6
3	11	2	116.7	-116.0
3	11	-2	27.9	22.9
3	11	3	145.0	-150.3
3	11	-3	96.3	98.9
3	11	4	78.2	-76.5
3	11	-4	95.4	-93.6
3	11	5	68.4	73.5
3	11	-5	98.9	-102.1
3	11	6	117.9	113.4
3	11	-6	42.5	-43.1
3	11	7	123.7	-128.5
3	11	-7	68.1	70.0
3	11	8	47.7	45.1
3	11	-8	156.8	155.4
3	11	9	27.7	-20.7
3	11	-9	51.9	-57.8

H	K	L	FO	FC
3	11	10	123.6	-121.4
3	11	-10	37.9	-35.7
3	11	11	69.5	-72.4
3	11	-11	109.7	115.1
3	11	12	60.1	59.6
3	11	-12	113.7	-108.4
3	11	13	65.0	68.0
3	11	-13	35.7	-38.3
3	11	14	76.6	72.5
3	11	-14	66.9	63.0
3	11	15	129.8	133.2
3	11	-15	52.0	49.9
3	11	16	18.3	-11.4
3	11	-16	1.2	3.5
5	11	0*	34.5	-33.3
5	11	-1	36.6	33.3
5	11	2*	10.4	12.4
5	11	-2*	8.8	5.6
5	11	3*	7.5	-3.4
5	11	-3	26.8	-34.0
5	11	4	60.8	-59.3
5	11	-4	37.6	-36.4
5	11	5	20.6	24.5
5	11	-5	20.3	22.4
5	11	6	32.3	34.0
5	11	-6*	9.9	-1.6
5	11	7	20.9	25.8
5	11	-7	50.4	-48.8
5	11	8	26.0	24.5
5	11	-8	52.0	55.2
5	11	9	27.9	-27.0
5	11	-9	28.7	27.2
5	11	10	32.3	-30.4
5	11	-10	56.7	-54.2
5	11	11	49.3	47.9
5	11	-11	35.1	-40.4
5	11	12	29.8	32.5
5	11	-12	42.7	-40.9
5	11	13	33.9	-26.4
5	11	-13	47.3	44.9
5	11	14	77.2	-80.8
5	11	-14	60.5	-59.0
5	11	15*	1.2	-2.7
7	11	0	34.5	-32.2
7	11	-1	104.1	-108.0
7	11	1*	17.3	21.0
7	11	2	58.0	-53.9
7	11	-2	38.6	40.9
7	11	3	72.4	74.7
7	11	-3	51.6	48.8
7	11	4	86.4	84.2
7	11	-4	35.5	35.5
7	11	5*	11.3	-9.9
7	11	-5*	11.3	-8
7	11	6	21.8	27.0
7	11	-6	48.0	-43.0
7	11	7	46.7	-41.9
7	11	-7	49.0	-51.8
7	11	8	104.2	-101.6
7	11	-8	79.2	-81.1
7	11	9	59.3	-61.1
7	11	-9	68.5	66.3
7	11	10	34.2	32.0

H	K	L	FO	FC
7	11	-10	102.4	101.8
7	11	-11	26.6	20.1
7	11	-12*	1.2	4.9
7	11	-13*	15.6	-11.3
7	11	-14	100.0	-98.3
7	11	-15*	16.5	-15.9
7	11	-16	51.5	50.2
7	11	-17	62.2	63.3
9	11	0	22.7	19.1
9	11	1	66.5	73.3
9	11	-1	21.8	-32.0
9	11	2	73.7	73.9
9	11	-2	134.9	-134.1
9	11	3	47.0	-51.2
9	11	-3	98.6	104.7
9	11	4	54.5	-51.1
9	11	-4	79.0	78.1
9	11	5	155.2	158.7
9	11	-5	144.9	-148.2
9	11	6	77.6	-73.8
9	11	-6	86.4	84.6
9	11	7	27.4	-26.3
9	11	-7	66.3	73.3
9	11	8	48.8	48.5
9	11	-8	68.8	-66.6
9	11	9	55.5	-57.5
9	11	-9	28.3	-26.0
9	11	10	49.6	54.6
9	11	-10	103.0	102.2
9	11	11	115.5	-118.6
9	11	-11	1.2	-12.6
9	11	12	73.8	76.1
9	11	-12	63.0	-59.6
11	11	0*	14.4	-3.1
11	11	1	37.3	-38.9
11	11	-1*	9.8	4.0
11	11	2*	2.2	1.3
11	11	-2	18.4	-10.8
11	11	3*	9.3	2.0
11	11	-3*	8.8	10.6
11	11	4*	15.6	-17.4
11	11	-4*	8.6	2.7
11	11	5	53.1	-53.4
11	11	-5	52.4	54.7
11	11	6*	13.5	15.2
11	11	-6*	30.2	-30.8
11	11	7	15.0	-19.3
11	11	-7	57.0	59.8
11	11	8*	10.6	5.5
11	11	-8*	19.9	20.0
11	11	9	8.5	5.5
11	11	-9	27.1	24.3
11	11	10*	9.2	-6.2
11	11	-10*	4.2	15.6
13	11	0	221.0	219.3
13	11	-1	28.5	-25.8
13	11	2	134.8	136.4
13	11	-2	87.5	-90.6
13	11	3	12.0	-5.2
13	11	-3	46.5	-43.3
13	11	4*	106.4	106.9
13	11	-4*	80.8	-84.8
13	11	5	131.6	127.6

H	K	L	FO	FC
13	11	-9*	16.1	4.7
13	11	-10*	12.0	-2.3
13	11	-11	77.0	-82.1
13	11	-12	32.2	-33.0
0	12	2	83.4	-86.8
0	12	3	39.9	-47.5
0	12	0	152.1	155.7
0	12	1	190.7	199.6
0	12	2	83.4	-86.8
0	12	3	39.9	-47.5
0	12	4*	13.6	10.1
0	12	5*	1.2	10.3
0	12	6*	8.4	-15.8
0	12	7*	9.5	16.2
0	12	8	21.6	16.6
0	12	9	133.6	133.4
0	12	10	89.8	-92.4
0	12	11	43.6	-50.4
0	12	12*	14.7	14.8
0	12	13	66.0	67.0
2	12	0	72.8	-72.3
2	12	1*	1.2	-5.3
2	12	-1	50.1	55.4
2	12	2	28.0	28.8
2	12	-2	19.4	-14.2
2	12	3	16.7	14.0
2	12	-3	65.5	-68.5
2	12	4	17.1	17.1
2	12	-4	20.6	13.0
2	12	5	72.8	-73.6
2	12	-5	36.5	38.5
2	12	6	44.3	-45.0
2	12	-6	16.8	20.3
2	12	7*	14.3	22.2
2	12	-7	64.5	59.5
2	12	8*	15.8	-13.1
2	12	-8	80.0	-79.3
2	12	9	27.6	26.7
2	12	-9*	15.9	19.9
2	12	10	62.1	63.6
2	12	-10*	3.0	4.2
2	12	11	67.9	-66.8
2	12	-11*	1.2	-16.9
2	12	12	27.0	29.0
2	12	-12	32.0	85.5
4	12	0	74.3	72.6
4	12	1	90.0	-92.8
4	12	-1*	10.5	1.7
4	12	2	56.9	57.6
4	12	-2	145.6	148.5
4	12	3	144.2	-140.9
4	12	-3	99.6	-103.9
4	12	4	149.5	148.6
4	12	-4*	11.6	9.9
4	12	5	127.2	129.5
4	12	-5	82.6	-82.6
4	12	6	131.6	131.1
4	12	-6	19.3	20.4
4	12	7*	6.7	12.9
4	12	-7*	1.2	7.6
4	12	8	26.4	25.6
4	12	-8	94.1	90.8
4	12	10	80.7	81.5

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
4	12	-10	92.3	92.5	8	12	-4	51.1	48.2	1	13	8	81.9	78.4
4	12	9	93.3	-94.4	8	12	5	80.9	76.0	1	13	-8*	13.9	18.7
4	12	-9	47.7	-47.8	8	12	-5	30.9	-27.7	1	13	-9	43.9	-41.2
4	12	10	80.7	81.5	8	12	-6	27.2	-28.8	3	13	0	40.3	48.6
4	12	-10	92.3	92.5	8	12	-7	63.0	-61.2	3	13	1	79.5	83.1
4	12	-11	165.6	-168.8	8	12	-8	59.8	-58.2	3	13	-1*	15.1	-22.5
4	12	-12	36.0	33.2	8	12	-9	118.3	121.7	3	13	2	37.7	-38.2
4	12	-13	49.6	-44.6	8	12	-10	48.6	47.7	3	13	-2	37.8	-42.9
4	12	-14	73.4	72.5	8	12	-11	20.0	12.0	3	13	3	65.6	-69.5
6	12	0	37.9	-32.7	8	12	-12*	15.2	14.9	3	13	-3	18.6	21.3
6	12	1	80.5	86.0	8	12	-13	50.5	-47.3	3	13	4	103.4	108.6
6	12	-1	137.8	-143.9	10	12	0	36.4	34.3	3	13	-4	109.2	117.9
6	12	2	40.9	-42.0	10	12	1	126.6	127.6	3	13	5	43.8	48.1
6	12	-2*	6.4	-2.6	10	12	-1	151.4	154.6	3	13	-5	17.6	-19.4
6	12	3*	1.2	3.1	10	12	-2	31.1	39.6	3	13	6	38.4	-40.4
6	12	-3	63.7	64.4	10	12	-3*	11.9	-13.5	3	13	-6	115.3	-118.6
6	12	4	130.7	133.7	10	12	-4	104.6	108.6	3	13	-7	66.3	66.2
6	12	-4	140.3	142.7	10	12	-5	68.1	69.3	3	13	-8	43.0	50.4
6	12	5	17.5	23.6	10	12	-6	118.2	117.9	3	13	-9	28.4	-28.3
6	12	-5*	1.2	3.4	10	12	-7	72.9	68.1	5	13	0	48.9	48.8
6	12	6	86.0	-83.9	10	12	-8	37.1	-28.9	5	13	1*	15.1	16.9
6	12	-6	97.3	-98.4	10	12	-9	75.3	79.3	5	13	-1	128.1	132.4
6	12	7	116.9	-119.7	10	12	-10	34.7	37.7	5	13	2	23.2	18.3
6	12	-7*	1.2	9.6	10	12	-11	37.6	-34.0	5	13	-2	58.0	63.9
6	12	8	51.9	-47.8	1	13	0	35.1	32.2	5	13	3	50.6	50.8
6	12	-8	27.8	34.8	1	13	1	68.2	66.8	5	13	-3	77.4	76.4
6	12	-9	107.9	-111.1	1	13	-1*	1.2	15.3	5	13	4	23.5	19.5
6	12	-10	94.0	91.0	1	13	2	79.5	81.7	5	13	-4	18.9	19.8
6	12	-11	119.5	123.0	1	13	-2	30.6	-24.8	5	13	-5	35.4	35.6
6	12	-12	110.0	112.8	1	13	3	35.9	-33.2	5	13	-6	129.8	133.2
6	12	-13	61.9	-63.4	1	13	-3	100.9	-99.4	5	13	-7	99.3	99.3
6	12	-14	50.2	-48.2	1	13	4	112.0	-114.6	5	13	-8	104.8	104.2
8	12	0	43.9	-50.5	1	13	-4	31.4	-33.1	7	13	0	40.1	-41.2
8	12	1	87.9	-90.9	1	13	5	83.6	-82.5	7	13	-1	36.9	-40.1
8	12	-1	17.9	10.5	1	13	-5	62.7	63.9	7	13	-2	27.1	27.9
8	12	2	89.9	89.9	1	13	6	31.8	-29.7	7	13	-3*	3.0	-2.2
8	12	-2	37.2	41.8	1	13	-6	141.1	141.2	7	13	-4	49.2	-48.7
8	12	3	47.6	49.4	1	13	7	45.6	48.0	7	13	-5	64.2	66.5
8	12	-3	74.0	73.2	1	13	-7	66.1	66.6	7	13	-6	48.4	-46.3
8	12	4	101.1	99.3										

UOVO FATTORE SCALA .578541

TATISTICHE SU WEIGHTED R

RISCALATI

DDP	DPD	DPP	PDD	PDP	PPD	PPP	DDD
.035	.000	.000	.000	.000	.035	.034	.035
1022	0	0	0	0	896	1112	979

GR1	GR2	GR3	GR4	ALL
.035	.000	.000	.000	.035
4009	0	0	0	4009

PER INTERVALLI SENTETA/LAMBDA PASSO .10000 (PARTENDO DA .00000)

.075	.038	.045	.028	.028	.034	.036	.037	.000	.000	.000	.000	.000	.000	.000	.000	.000
11	93	241	459	718	1033	1410	44	0	0	0	0	0	0	0	0	0

PER INTERVALLI FO PASSO 20

.335	.139	.067	.055	.037	.032	.027	.026	.027	.022	.018	.023	.023	.018	.019	.014
212	843	710	584	436	341	264	176	125	57	65	56	31	27	24	58

PER ZONE

KL	.035	HOL	.040	HK0	.043
	132		228		112

Table 5

Baratovite. Anisotropic thermal parameters ($\times 10^5$) in the form

$$T = \exp[-(\beta_{11}h^2 + \beta_{22}k^2 + \beta_{33}l^2 + 2\beta_{12}hk + 2\beta_{13}hl + 2\beta_{23}kl)].$$

Atom	β_{11}	β_{22}	β_{33}	β_{12}	β_{13}	β_{23}
Ti	38 (1)	79 (3)	26 (1)	-2 (1)	12 (1)	-1 (1)
Ca(1)	61 (1)	126 (4)	59 (1)	1 (2)	30 (1)	-3 (2)
Ca(2)	62 (1)	125 (4)	59 (1)	6 (2)	27 (1)	6 (2)
Ca(3)	58 (1)	131 (4)	48 (1)	2 (2)	24 (1)	1 (1)
Ca(4)	52 (2)	123 (5)	56 (1)	-2 (2)	21 (1)	-4 (2)
K	255 (4)	471 (12)	243 (3)	-	132 (3)	-
Si(1)	47 (2)	115 (5)	33 (1)	-7 (3)	16 (1)	-8 (2)
Si(2)	45 (2)	106 (5)	35 (1)	3 (3)	14 (1)	-7 (2)
Si(3)	47 (2)	97 (5)	35 (1)	2 (3)	11 (1)	1 (2)
Si(4)	45 (2)	120 (5)	33 (1)	-1 (3)	15 (1)	6 (2)
Si(5)	50 (2)	105 (5)	36 (1)	8 (3)	20 (1)	7 (2)
Si(6)	53 (2)	104 (5)	35 (1)	-2 (3)	22 (1)	0 (2)
O(1)	105 (6)	186 (15)	102 (4)	-51 (8)	51 (4)	7 (6)
O(2)	88 (6)	234 (15)	40 (4)	18 (8)	24 (4)	5 (6)
O(3)	90 (6)	192 (15)	65 (4)	-17 (7)	38 (4)	-44 (6)
O(4)	68 (5)	303 (16)	75 (4)	11 (8)	38 (4)	-4 (7)
O(5)	66 (5)	186 (15)	60 (4)	-13 (7)	9 (4)	-29 (6)
O(6)	89 (6)	298 (16)	46 (4)	-2 (8)	22 (4)	8 (6)
O(7)	124 (6)	112 (15)	142 (5)	21 (8)	60 (5)	-10 (7)
O(8)	64 (5)	224 (15)	64 (4)	-11 (7)	3 (4)	21 (6)
O(9)	105 (6)	255 (16)	50 (4)	-25 (8)	27 (4)	-4 (6)
O(10)	94 (6)	189 (15)	79 (4)	-47 (8)	32 (4)	8 (6)
O(11)	92 (6)	227 (15)	40 (4)	-4 (8)	19 (4)	-6 (6)
O(12)	68 (6)	170 (17)	59 (4)	19 (9)	19 (4)	39 (7)
O(13)	66 (7)	287 (19)	109 (5)	16 (9)	51 (5)	-8 (8)
O(14)	101 (6)	232 (17)	44 (4)	8 (8)	14 (4)	-7 (7)
O(15)	117 (6)	123 (17)	68 (4)	22 (8)	53 (4)	28 (7)
O(16)	149 (7)	120 (19)	91 (5)	43 (9)	62 (5)	13 (7)
O(17)	103 (6)	191 (17)	61 (4)	2 (9)	56 (4)	-8 (7)
O(18)	96 (6)	248 (17)	45 (4)	5 (9)	22 (4)	6 (7)
F	128 (6)	244 (15)	85 (4)	-2 (7)	44 (4)	-5 (6)
Li(1)	49 (22)	361 (60)	56 (15)	-	19 (15)	-
Li(2)	122 (15)	213 (42)	64 (10)	78 (21)	29 (10)	10 (18)

End of supplemental material.